Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

Alderwerelt, van Rosenburgh, C. R. W. K.
New or interesting Malayan ferns. No.10. Bull. Jardin Bot.Buitenz. II, no.28, plates. 1918.

Allard, Harry Ardell
Some studies in blossom color inheritance in tobacco, with special reference to N. sylvestris and N. tabacum. Amer. Nat. 53: 79-84 Jan./Feb.1919.

Almquist, Ernst
Linnés vererbungsforschungen. Bot. Jahrb. Engler 55: 1-18. N.1917
Literaturverzeichnis: p. 17-18.

Artschwager, E. F.
Histological studies on potato leafroll. Journ. Agr. Res. v.15, no.10 p. 559-570 plates D.9,1918.

Artsikhovski, V. M.
Desinfección de las semillas por el bromo. Hibridicultura. Estac. Ensay. Sem. Madrid. 1917. p.47-64 pl.
J. Stom joint author

Ashby, S. F.
Budrot of coconuts. Journ. Jamaica Agr. Soc. 23: 23-25. Ja.1919.

Ashby, S. F.
Late blight of Irish potatoes. Journ. Jamaica Agr. Soc. 23: 10-16 Ja.1919

Averna-Sacca, Rosario
Molestias da macieira. Bol. Agr. São Paulo 19: 430-433 illus. 1918
Pleospora herbarum

Bayliss, W. M.
Chemical correlation in the growth of plants Nature 102: 285-287. D.12,1918.

Beach, Walter Spurgeon
Biologic specialization in the genus Septoria. Amer. Journ. Bot. 6: 1-33 pl., i Ja. 1919
Literature cited: p. 30-32

Berry, Edward W.
Eucalyptus never present in North America. Science 49: 91-92 Ja.24,1919.

Bethel, Ellsworth
The aecial hosts of Puccinia subnitens. Phytopath. 9: 55 Ja.1919
Abstract of paper read before 10th annual meeting Amer. Phytopath. Soc. Dec. 1918.

Bitter, Georg
Die papuasischen arten von Solanum. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 59-113. illus. N.1917.

Bitter, Georg
Untersuchungen über solanaceen. Bot. Jahrb. Engl. 55(Beibl. 121): 7-12 vi pl. N.1917
I. Ueber die abhängigkeit der zeichung der unreifen beeren verschiedener solanum-arten von ihrer stellung zum licht.

Blair, R. J.
Fungi which decay weaveshed roofs. Phytopath. 9: 54-55 Ja.1919
Abstract of paper read before 10th annual meeting of Amer. Phytopath. Soc. Dec. 1918.

Bois, Désiré
Le vrai nom scientifique du cresson. Rev Hort. 90: 171 O.1918.

562156
Agric
373-376

ierce, Roy G.
Relative importance of Pythium and Rhizoctonia in coniferous seed beds. Phytopa th. 9: 50 Ja. 1919
Abstract of paper read before 10th annual meeting of Amer. Phytopath. Soc. Dec. 1918
Carl Hartley joint author

Pridham, J. T.
Mendelism in relation to plant breeding. Agr. Gaz. N. S. W. 29: 855-856. Dec.1918.

Punnett, R. C.
Some experiments on growing maize in England. Gard. Chron. III, 65: 13-14. illus. Ja.11,1919.

Reynolds, E. S.
Root pressure and root exudation. Science 49: 70-71. Ja.17,1919.

Roark, R. C.
Plant s used as insecticides. Amerl Journ. Pharm. 91: 25-37.

Robbins, W. W.
Alfalfa dodder in Colorado. Colo. Agr. Exp. Stat. Bull. 248 15 p. illus. N.1918
G. E. Egginton joint author

Rosenbaum, Joseph
Macrosporium solani on tomato fruit. Phytopath. 9: 51 Ja.1919
Abstract of paper read before 10th annual meeting of Amer. Phytopath. Soc. Dec.1918.

R U S. Rural uplook service; a preliminary attempt to register the rural leadership in the United States and Canada... Comp. by L. H. Bailey. Ithaca, 1918 (Directory of botanical and agricultural workers.

Schlechter, Rudolf
Die Balsaminaceae Papuasiens. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 114-120. illus. N.1917.

Schlechter, Rudolf
Die ericaceen con Deutsch-Neu-Guinea. In Lauterbach, C Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 137-144. illus. N.1917
Rhododendron han semanni, R. gorumense, R. wentianum, R. stolleanum, R. linnaeoides.

Schlechter, Rudolf
Kritische aufzählung der bisher aus Zentral-Amerika bekanntgewordenen orchidaceen. Beih. Bot. Centralbl. 36 (2): 321-520 N.1918

Seward, A. C.
Reginald Philip Gregory Nature 102: 247-248. N.28,1918.

Shapovalov, M.
Some potential parasites of the potato tuber. Phytopath. 9: 36-42 pl. ii-iii Ja.1919.
Penicillium oxalicum; Aspergillus niger; Clonastachys rosea.

Shibata, Keita
Studies on anthocyanins: color variation in anthocyanins. Journ. Amer. Chem. Soc. 41: 208-220. F.1919.
Contr. Bot. & Chem. Inst. Imp. Univ. Tokyo
Yuji Shibata & Itizo Kasiwagi joint authors

Spaulding, Perley
Investigations of white pine blister rust, 1918 Phytopath. 9: 54 Ja.1919
(Abstract 10th annual meeting,Dec.1918)

Stahel, Gevold
De Zuid-Amerikaansche Hevea-bladziekte veroor-

zaakt door Melanopsammopsis-ulei nov. gen. (-Dothidella ulei P. Hennings) Bull. Dep. Landb. Suriname 34. 111 p. xxix pl. (partly fold.), iii fold. tab. Je.1917
Literatuur-opgave: p. 110-111

Stewart, Alban
A consideration of certain pathologic conditions in Ambrosia trifida. Amer. Journ. Bot. 6: 34-46 pl. ii Ja.1919
Bibliography: p. 46

Swynnerton, C. F. M.
Some factors in the replacement of the ancient East African forest by wooded pasture land. So. Afr. Journ. Sci. 14: 493-518. Je.1918

Teetgen, Ada B.
The liquorice industry in Yorkshire. Garden 83: 5-7 illus. Ja. 4, 1919.

Tejada Aguirre, Ramon
"El carbón" "enfermedad del hollin" o "mancha negra del café". La Hacienda 14: 74-77, 116-117. illus. D.1918; Ja.1919
Capnodium sp. and insects.

Thomas, H. S.
The effect of ether on the respiration of wheat Journ. Gen. Phys. 1: 203-207. N.1918
Forms no. IV of Comparative studies on respiration.

Tisdale, W. H.
The Physoderma diseases of corn. Phytopath. 9: 51-52. Ja.1919. (Abstract 10th annual meeting)
Physoderma zeae-maydis

Wehmer, Carl
Leuchtgaswirkung auf pflanzen Ber. Deut. Bot. Ges.
4. Die wirkung des gases auf des wurzelsystem von holzpflanzen; ursache der gaswirkung

White, C. T.
Report of the acting government botanist 1917/18. In Ann. Rep. Queensl. Dept. Agr. 1917/18.

White, C. T.
Two native leguminous fodder plants. Queensl. Agr. Journ. 10: 252-254. illus. Dec.1918.
Psoralea cinerea and Alysicarpus rugosus

Willis, Mina A. [Plant pathologist]
[Report of] Department of botany 1916/17. In Ann. Rep. Idaho Agr. Exp. Stat. 1916/17.

Bower, F. O. 319106
Botanical research in the United Kingdom during the war. Amer. Journ. Sci. IV, 47: 117-122 1919

Boyce, J. S.
Forest pathology and airplane construction. Phytopath. 9: 54 Ja.1919
Abstract of paper read before 10th annual meeting Amer. Phytopath. Soc. Dec. 1918

Brooks, M. M.
The effect of ether on the respiration and growth of Bacillus subtilis. Journ. Gen. Phys. 1: 193-201. N.1918.
Forms no.III of Comparative studies on respiration.

Byars, L. P.
The nematode disease of wheat caused by Tylenchus tritici (Steinbuch) Bastian, and its control. Phytopath. 9: 51 Ja.1919
Abstract of paper read before 10th annual meeting of Amer. Phytopath. Soc. Dec.1918.

Byars, L. P.
Soil disinfection by hot water to control the root-knot nematode and parasitic soil fungi. Phytopath. 9: 49 Ja.1919
Abstract of paper read before 10th annual meeting Amer. Phytopath. Soc. Dec.1918
W. W. Gilbert joint author

Camacho, Cárlos
Enfermedades del nogal I Santiago de Chile, 1917
13 p. illus.

Bacteriosis o peste negra del nogal. Melaxuma

At head of title Servicios de policia sanitaria vejetal. Estacion de patologia vejetal

Camacho, Cárlos
Fungicidas e inseticidas mas usados para combatir das enfermedades de las plantas 5a ed. Santiago de Chile, 1918
18 p.

At head of title: Servicios des policia sanitaria vejetal

[Camacho, Cárlos]
Une enfermedad de la vid Sclerotinia fuckeliana Botrytis cinerea Santiago de Chile, 1914
6 p.

At head of title: Servicios de policia sanitaria vejetal. Estacion de patologia vejetal.

Carpentier, A. abbé
L'Abbé Félix-Charles Hy (1853-1918) Rev. Gén. Bot. 30: 369-376. D.1918
Liste des travaux scientifiques de M. Hy: p. 373-376

Comparative studies on respiration I-V
Journ. Gen. Physiol. 1: 171-179, 181-191, 193-201, 203-207, 209-220. N.1918.

I. Introduction. By W. J. V. Osterhout.
II. The effect of anesthetics and other substances on the respiration of Aspergillus niger. By F. G. Gustafson.
III. The effect of ether on the respiration and growth of Bacillus subtilis. By Mathilda M. Brooks.
IV. The effect of ether on the respiration of wheat. By Helen S. Thomas.
V. The effect of ether on the production of carbon dioxide by animals. By Marian Irwin.

Correvon, H.
Les cyclamens sauvages Rev. Hort. 90: 180-183, 196-198.

Daniel, L.
L'heredité chez les carottes et betteraves annuelles. Rev. Hort. 80: 164-167. illus. O.1918.

Deem, J. W.
Control of Cape daisy. N. Z. Journ. Agr. 17: 273. Nov.20,1918.

Cryptostemma calendulaceum declared a noxious weed in counties of Wanganui, Waitotara and Patea New Zealand.

Diels, L.
Neue campanulaceen von Papuasien. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 121-125 illus. N.1917

Capanumoea celebica. Lobelia affinis. Phyllocharis schlechteri, P. oblongifolia. Pratia papuana

Diels, L.
Ueber die gattung Himantandra, ihre verbreitung und ihre systematische stellung. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 126-134. illus. N.1917
Himantandraceae, new family next to Magnoliaceae.

Doidge, Ethel M.
Potato Diseases. VIII. Internal brown spot fleck. So. Afr. Fruit Grow. 5: 94-95. 1918.

Dowson, W. J.
A new disease of coffee. Leafl. Div. Mycol. Dept. Agr. Brit. E. Africa, no.1 4 p. O.1917

Dudley, P. H.
Fungi, the cause of decomposition of timber. Wood Preserv. 5: 26-35 illus. Jy./S.1918

Fairchild, D.
Byron David Halsted, botanist (1852-1918) Phytopath. 9: 1-6 port. Ja.1919

Farquharson, C. O.
Charles Ogilvie Farquharson and his work in West Africa. Bull. Misc. Inform. Kew 1918 p. 353-361.
A letter written by Mr. Farquharson to the assistant director at Kew, "a remarkably graphic epitome of his life work in Nigeria The nature of the work, the methods by which he sought to solve the many difficult problems, and the kind of education that his experience had led him to believe best for such work are all fully discussed".

Fleischer, Max.
Die laubmoose Papuasiens I In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 19-37 N.1917

Fosbrooke, L.
Nectria cinnabarina on elm. Quart. Journ. For. 13: 56-57 1919
Specimen forwarded by L. Fosbrooke and identified by editor, W. Somerville.

Gabotto, Luigi
La peronospora del mais. Il Coltiv. 64: 331-333. illus. Je.1918.
Sclerospora macrospora.

Gertz, Otto
Ueber einige durch schmarotzende Cuscuta hervorgerufene gewebeveränderungen bei wirtspflanzen. Ber. Deut. Bot. Ges. 36: 62-72 My.1918
Bibliographical foot notes

Giffin, H. J. van
Eenige gegeven ter opeporing van giftige Indische plantendeelen 1917

Graves, A. H.
Resistance in the American chestnut to the Endothia canker. Phytopath. 9: 52-53. Ja.1919
Abstract of paper read before 10th annual meeting of Amer. Phytopath. Soc. Dec. 1918

Gustafson, F. G.
The effect of anesthetics and other substances on the respiration of Aspergillus niger. Journ. Gen. Phys. 1: 181-191. N.1918
Forms no. II of Comparative studies on respiration

Guyer, R. Glode
Medicinal plants Trans. Scott. Hort. Assoc.

Reprinted in Gard. Chron. III, No. 65: 21-22

Harms, H.
Neue arten der leguminosae-mimosoideae und caesalpinioideae aus Papuasien. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 38-58 illus. N.1917

Hartley, Carl
Oomycetes parasitic on pine seedlings. Phytopath. 9: 50 Ja.1919
G. G. Hahn joint author

Hartley, C., Merrill, T. C. & Rhoads, A. S.
Seedling diseases of conifers. Journ. Agr. Res. v.15, no.10 p. 521-558 pl. D.9,1918.

Hedgcock, George G.
Notes on some Uredinales attacking pines. Phytopath. 9: 53 Ja.1919
N. Rex Hunt joint author
Abstract of paper read before 10th annual meeting Amer. Phytopath. Soc. Dec. 1918.

Caeoma strobilina, C. conigenum.

Hedgcock, George G.
Notes on the rusts of the piñon pines. Phytopath. 9: 53 Ja.1919
Ellsworth Bethel, N. R. Hunt joint authors
Abstract of paper read before 10th annual meeting Amer. Phytopath. Soc. Dec. 1918

Cronartium occidentale; Coleosporium ribicola.

Hitchcock, A. S.
A peculiar species of Lasiacis. Journ. Wash. Acad. Sci. 9: 35-38 Ja. 19,1918
L. anomala

Höhnel, Franz von
Ueber die gattung Leptosphaeria Ces. et de Not. Ber. Deut. Bot. Ges. 36: 135-140. Je.1918.

Holbert, J. R.
Wheat scabs as affected by systems of rotation Phytopath. 9: 45-47 Ja.1919
J. R. Trost & G. N. Hoffer joint authors

Holton, John C.
The theory and practice of sanitary p precautions in grove and packing house operations. Quart. Bull. State Pl. Bd. Florida 2: 161-179. Jy.1918.

Jahandiez, Emile
Chataigniers geants Rev. Hort. 80: 183-185. illus., pl. N.1918.

Johnson, D. S.
The fruit of Opuntia fulgisa; a study of perennation and proliferation in the fruits of certain Cactaceae. Publ. Carnegie Inst. Washington. no. 269. 62 p. 12 (i.e. 13) pl. 1918.

Johnson, James
Fusarium root-rot of tobacco Phytopath. 9: 49 Ja.1919
Abstract of paper read before 10th annual meeting Amer. Phytopath. Soc., Dec.1918.

Jones, William N.
On the nature of fertilization an d sex.
New Phytol. 17: 167-188. Oct./Nov.1918.

Kiesselbach, T. A.
Freezing injury of seed corn. Nebr. Agr. Exp. Stat. Bull. 163. 16 p. illus. Ap.1918
J. A. Ratcliff joint author

Pop. ed. of Research bulletin no. 14.

Kiessling, L.
Ueber schädliche nebenwirkungen der formalinbeizung des saatgutes auf die keimung. Journ. Landw. 66: 7-51. My.1918.

Knowlton, C. H.
Reports on the flora of the Boston district. XXIX. Rhodora 20: 208-209. 1918.

Küster, Ernst
Ueber mosaikparaschierung und vergleichbare erscheinungen. Ber. Deut. Bot. Ges. 36: 54-61. My.1918
Bibliographical foot notes

Lapicque, Louis
Emploi des algues marines pour l'alimentation des chevaux. Compt. Rend. Acad. Sci. Paris 167: 1082-1085. D.30,1918.

Lauritzen, J. I.
The relation of temperature and humidity to infection by certain fungi. Phytopath. 9: 7-35 Ja.1919
Literature cited: p. 34-35

Lauterbach, Carl A. G.
Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engler 55: 19-144. illus. N.1917.

Lecomte, Henri
A propos d'une sapotacée du Tonkin (le cay sen) Bull. Econ. Indochine, 21: 735-741. illus. Sept./Oct.1918.

Cay-sen: Bassia pasquieri (M. Dub.) H. Lec. emend; Illipe tonkinensis Pierre mss.

Lee, H. A.
Further data on the citrus canker affection of the citrus species and varieties at Lamao. Philipp. Agr. Rev. 11: 200-206. pl. ix-xv. 1918.
Earlier report by P. J. Wester.

Levy, E. B ruce
Seed-testing notes. Identification of the Poas. N. Z. Journ. Agr. 17: 295-298. illus. Nov. 20, 1918.

Seeds of P. pratensis, P. compressa, P. trivialis, P. nemoralis.

Linder, Gösta.
Neue Acanthaceae Papuasiens II. In Lauterbach, C. Beiträge zur Flore von Papuasien VII. Bot. Jahrb. Engler 55: 135-136. N.1917.
Asystasia ledermanni, Pseuderanthemum pumilum, Gymnophragma simplex.

Lombarteix, V. M.
Les semis comme moyen de combattre la dégénérescence de la pomme de terre Rev. Hort. 90: 170 O.1918.

Love, Harry H.
The inheritance of hull-lessness in oat hybrids. Amer. Nat. 53: 5-32. illus. Jan./Feb.1919.
G. P. McRostie, joint author

McCaughey, Vaughan
An ecological survey of the Hawaiian pteridophytes. Journ. Ecol. 6: 199-219. N. 1918
References: p. 219

McMurran, S. M.
Pecan rosette in relation to soil deficiencies. Bull. U. S. Dept. Agr. 756 11 p. Ja. 29, 1919.

Massalongo, Carlo
Di alcune podostemacee del Brasile. Bull. Soc. Bot. Ital. 1918 p. 42-44 illus.
Opere consultatae: p. 44
Apinagia nitelloides

Michel-Durand, Emile
Variation des substances hydrocarbonées dans les feuilles. Rev. Gén. Bot. 30: 337-345, 377-382.

Newman, L. F.
Some records of the seasonal flora of arable land under cultivation. Journ. Ecol. 6: 178-188. N.1918
R. W. Neman joint author

Norton, J. B. S.
Hot water treatment for black leg of cabbage. Phytopath. 9: 50-51. Ja.1919.
Abstract of paper read before 10th annual meeting of Amer. Phytopath. Soc., Dec.1918.

Nowell, William
Root disease of coco-nut palms in Grenada. Mycologist's report. Agr. News 17: 398-399, 414. D. 14, 28, 1918.
Second number has title: Diseases of coco-nut palms...

Osterhout, Wintrop J. V.
Comparative studies on respiration I. Introduction Journ. Gen. Phys. 1: 171-179 N.1918

Pampanini, Renato
Contributo alla conoscenza della flora della Cirenaica Bull. Soc. Bot. Ital. 1918. p. 13-16

Pavillard, Jules
Les progrès de la nomençlature dans la géographie botanique. Ann. Geogr. 27: 401-415. N. 1918.

Peirce, George J.
What kinds of botany does the world need now? Science 49: 81-84 Ja. 24, 1919.

Pethybridge, George H.
Potato diseases in Ireland. Journ. Dept. Agr. & Techn. Instr. Ireland 18: 410-416. 1918.

Bureau of Plant Industry Library.
Current author entries, 1919, No. 2.
(Indexed Feb.16-Mar. 1, 1919)

The references will hereafter be printed the full width of the page.

Alderwerelt van Rosenburgh, C. R. W. K.
Two critical fern genera. Bull. Jard. Bot. Buitenz. II, 28: 57-64 pl. ix 1918
Angiopteris, Lecanopteris

Alderwerelt van Rosenburgh, C. R. W. K.
Two new fern genera. Bull. Jard. Bot. Buitenz. II, 28: 65-66 pl. x 1918.

American plant pest committee
Report on white pine blister rust control, 1918. Its Bull. no. 2, 2d ed. 16 p. Ja.2,1919.

The anthocyanin pigments in plants and their chemical, physiological and biological functions. Sci. Amer. Suppl. 87: 2-3, 7. Ja.4,1919.
Compiled from various sources

Barthel, Christian
Kulturen von gärungsorganismen in sterilisierter erde. Centralbl. Bakt. abt. 2, 48: 340-349 pl. Jy.1918.

Bateson, William
The late Mr. R. P. Gregory Nature 102: 284 D.12,1918.

Bennett, Arthur
Notes on British potamogetons. Journ. Bot. 57: 10-20. Ja.1919.

Bergman, Herbert F.
Flora of North Dakota Bienn. Rep. Agr. Coll. Surv. No. Dakota. 6(1911/12): 151-372. [S.1918]
Index to flora: 15 p. following index to volume.

Bergman, H. F.
A report of the plant survey of Barnes county, N. Dak. Bienn. Rep. Agr. Coll. Surv. No. Dak. 6(1911/12): 121-150 3 pl. [S.1918]

Bernatsky, Jenö
Anleitung zur bekämpfung der Peronospora des weinstockes nach den neuesten erfahrungen und versuchsergebnissen. Zeitschr. Pflanzenkr. 28: 1-28 F.1918
Literatur: p. 27-28.

Bintner, Jean
Silver leaf disease. Gard. Chron. III, 65: 33. Ja.18,1919.

Boas, Friedrich
Zur kenntnis des russtaues der johannisbeere und verwandter erscheinungen. Zeitschr. Pflanzenkr. 28: 114-115. Je.1918.
Cladosporium, Fumago.

Boulger, G. S.
Joseph Andrews and his herbarium (concl.) Journ. Bot. 56: 346-354. 1918.

Box, E. G.
"Outberry". Garden 83: 36-37 Ja.25,1919.
Name for Rubus chameemorus

Breed, R. S.
Comments on the evolution and classification of bacteria. Journ. Bacteriol. 3: 445-459. S.1918.
References: p. 458-459.
H. J. Conn & J. C. Baker joint authors

Brewster, William
Exotic plants established in Middelsex county Massachusetts. Rhodora 20: 204-205. D.1918.

Britton, Elizabeth G.
West Indian mosses in Florida. Bryol. 22: 2. Ja.1919.
Mittenothamnium diminutivum & Thuidium involvens

Buchanan, R. E.
Studies in the nomenclature and classification of bacteria IX
Journ. Bacteriol. 3: 473-474. S.1918
References: p. 473-474
The subgroups and genera of the Thiobacteriales

Buscalioni, Luigi
Studio anatomo-biologico sul gen. "Saurauia" Willd. con speciale riguardo alle specie americane (cont.) Malpighia 28: 331-370 pl. v-x 1918
G. Muscatello joint author
Letteratura dell'argomento: p. 364

Buscalioni, L.
Studio mongrafico sulle specie americane del gen. "Saurauia", Willd. (cont.) Malpighia 28: 315-330. 1918
G. Muscatello joint author

Byars, L. P.
Experiments on the control of the root-knot nematode, Heterodera radicicola (Greef) Mueller I Phytopath. 9: 93-103 pl.IX. F.1919
Literature cited: p. 103
I. The use of hydrocyanic-acid gas in loam soil in the field.

[Camacho, Cárlos]
Tumores del cuello de la alfalfa, Urophlyctis alfalfae Lag.
Santiago de Chile, 1915
6 p. illus.
At head of title: Servicios de policia sanitaria vejetal. Estacion de patologia vejetal.

Cheël, Edwin
Disease in forest trees caused by the larger fungi. Bull. For. Comm. N. S. W. 12, 12 p. xx pl. on 11 (pl. i-ii col.) O.1918
J. B. Cleland joint author

Churchill, J. R.
A smooth-fruited form of Asclepias syriaca. Rhodora 20: 206-207 D.1918 (A. syriaca forma inermis

Cockayne, A. H.
Report of the biology section, 1917/8 In Ann. Rep. Dept. Agr. Comm. & Ind. New Zeal. 1917/18.

Cockerell, T. D. A.
Notes on Lycaste Torreya 19: 10-12. Ja.1919.
L. alba n. sp.

Colley, R. H.
Parasitism, morphology and cytology of Cronartium ribicola. Journ. Agr. Res. 15: 619-659 plates D.23,1918.

Cook, M. T.
Byron David Halsted Bot. Gaz. 67: 169-170. port. F.1919.

Cook, M. T.
Common diseases of ornamental plants N. J. Agr. Exp. Stat. Circ. 97. 23 p. illus. 1918.

Cook, M. T.
Common diseases of shade and ornamental trees. N. J. Agr. Exp. Stat. Circ. 98 27 p. illus. 1918.

Crane, D. B.
Chrysanthemums for greenhouse and garden. 1918.

Cook, M. T.
Report of potato spraying experiments 1917. In Ann. Rep. New Jersey Agr. Expt. Stat. 38th, 1917 1918

Demandt, Ernst
Untersuchungen ueber kanker und braunfäule am samoanischen kakao. Zeitschr. Pflanzenkr. 28: 241-291. illus. pl. iv-vi O.1918
Literatur: p. 288-289

Diels, Ludwig
Stand und aufgaben der pflanzengeographie. Naturwissensch. 6: 581-585. 1918.

Drechsler, C.
Morphology of the genus Actinomyces I. Bot. Gaz. 67: 65-83, 147-168 pl. ii-ix Ja.-F.1919
Literature cited: p. 164-165
Contr. Crypt. Labor. Harv. Univ. no. 83.

Dykes, W. R.
Notes on irises. Gard. Chron. III, 65: 37-38 illus. Ja.25,1919.
I. Lacustris

Eriksson, J.
Fortgesetzte studien über die spezialisierung des getreideschwarzrostes (Puccinia graminis) in Schweden und in anderen ländern. Centralbl. Bakt. abt. 2, 48: 349-417 Jy.1918
Literaturverzeichnis: p. 415-416.

Ferguson, W. C.
Plants in flower in the autumn of 1918 on Long Island. Torreya 19: 12-13 Ja.1919

Fernald, M. L.
Some North American representatives of Braya humilis. Rhodora 20: 201-203 D.1918

Fujiguro, Yosaburo
A list of fungi on cultivated plants in Formosa (Supplemental notes) Bot. Mag. Tokyo 32: (358)-(363) D.1918.

Gassner, G.
Beiträge zur physiologischer charakteristik sommer- und winterannueller gewächse, insbesondere der getreidepflanzen. Zeitschr. Bot. 10: 417-480. pl. i-ii 1918
Schriftenverzeichnis: p. 476-480.

Gates, R. R.
A new evening primrose, Oenothera novae-scotiae Proc. Nova Scot. Inst. Sci. 14: 141-145. 2 pl. Ag.1918

Grove, W. B.
James Eustace Bagnall, A.L.S. Journ. Bot. 56: 354-356 D.1918.

Grove, W. B.
New or noteworthy fungi VI (cont.) Journ. Bot. 56: 340-346. pl. 550 1918

Harland, S. C.
Notes on inheritance in the cowpea. Agr. News, West Indies, 18: 4-5, 20 1919.
Preliminary resumé of "A study of inheritance in the cowpea", to be published in Journal of Genetics.

Heal, John
Hybridisation and crossfertilisation of flowers Gard. Chron. III, 65: 25-26 Ja.18,1919

Heinricher, Emil
Die bedingungen, unter denen durch den parasitismus der zwergmistel (Arceuthobium oxycedri) auf Juniperus hexenbesen entstehen können. Zeitschr. Pflanzenkr. 28: 193-200 pl. i-iii Ag.1918
Bibliographical foot notes

Hitchcock, A. S.
A botanical trip to Mexico II Sci. Month. 8: 216-240. illus. Mr.1919.

Hood, G. W.
Farm horticulture. 1919.

Houston, D.
The classification of roses. Garden 83: 25 Ja.18,1919.

Hutcheson, T. B.
Relation between yield and ear characters in corn. Journ. Amer. Soc. Agron. 10: 250-255 S.1918. (Literature cited: p. 255)
T. K. Wolfe, joint author
Paper no. 4, Dept. of Agron. Virginia Agr. Expt. Stat.

Jenkins, Anna E.
Brown canker of roses, caused by Diaporthe umbrina, Journ. Agr. Res. v.15, no.11 p. 593-599 illus., plates D.16, 1918. (Diaporthe umbrina n.sp.)

Johnston, Earl S.
A simple non-absorbing atmometer mounting Plant World 21: 257-260 illus. O.1918.

Johnston, I. M.
Contributions on southern California botany Bull. So. Calif. Acad. 18: 18-21. Ja.1919. (Monardella saxicola n. sp.)

Jokl, Milla
Pythium conidiophorum nov. spec. Oesterr. Bot. Zeitschr. 67: 33-37 pl. i Ja. 1918. (Literaturverzeichnis: p. 36-37)

Killer, J.
Versuche über die eignung des essigsauren kupfers zur bekämpfung des steinbrandes. Zeitschr. Pflanzenkr. 28: 106-109 Je.1918.

Killer, J.
Wuzelbrandbekämpfungsversuche bei runkelrüben mit essigsaurem kupfer im vergleich mit anderen beizmitteln. Zeitschr. Pflanzenkr. 28: 109-110 Je.1918.

Klebs, Georg
Die beherrschung der pflanzlichen form. Eine einfuhrung in die forschungen Naturwissensch. 6: 683-691. 1918. (Literaturverzeichnis: p. 691)

Koidzumi, Gen'iti
Contributions ad floram Asiae orientalis (cont.) Bot. Mag. Tokyo 32: 249-259 1918

Küster, Ernst
Albertus Magnus and Goethe Naturwissensch. 6: 137-139 Mar.1918.

Küster, Ernst
Georg Klebs (1857-1918) Naturwissensch. 6: 681-683. N.1918.

Kunkel, L. O.
Wart of potatoes: a disease new to the United States. U. S. Dept. Agr. Cotton, Truck & For. Crop Dis. Circ. no.6 14 p. illus. F. 6, 1919.
Literature cited: p. 13-14.

Kupka, Theodor
Reliquiae Opizianae. Eine revision Opiz'scher pilze auf grund des orginalmateriales. Oesterr, Bot. Zeitschr. 67: 156-165 illus. Ap./My.1918.
Literatur: p. 165

Leach, J. G.
The parasitism of Puccinia graminis tritici Erikss. and Henn. and Puccinia graminis tritici-compacti Stak. and Piem. Phytopath. 9: 59-88 pl. iv-vii F.1919. (Literature cited: p. 87-88)
Paper no. 149 Journ. Ser. Minn. Agr. Exp. Stat.

Lee, H. A.
Further data on the susceptibility of rutaceous plants to citrus-canker. Journ. Agr. Res. 15: 661-665 plates D.23,1918.

Lehmann, Ernst
Variabilität und blütenmorphologie. Biol. Zentralbl. 38: 1-38 Ja.1918.
Literatur: p. 34-38

Lek, H. A. A. van der
Over de z.g. "verwelkingsziekten" in het bijzonder die welke door Verticillium alboatrum veroorzaakt worden. Tijdschr. Plantenz. 24: 205-219 pl. iv N.1918.

Levine, M.
The sporadic appearance of non-edible mushrooms in cultures of Agaricus campestris Bull. Torr. Club 46: 57-63 pl. 3-5 F.1919.

Linsbauer, Karl
Ueber die physiologie der spaltöffnungen. Naturwissensch. 6: 85-89, 97-101 illus. 1918. (Literatur: p. 101)

Loeb, Jacques
The physiological basis of morphological polarity in regeneration I Journ. Gen. Phys. 1: 337-362 Ja. 1919.

MacCaughey, Vaughan
History of botanical exploration in Hawaii. Hawaiian For. & Agr. 15: 388-396, 417-429, 508-510. 1918.

MacCaughey, V.
The pala or mule's-foot fern (Marattia dougalasii (Presl) Baker) in the Hawaiian archipelago. Torreya 19: 1-8 Ja.1919.

MacDougal, D. T.
The origination of xerophytism. Plant World 21: 245-249 O.1918
H. A. Spoehr joint author

McDougall, W. B.
The classification of symbiotic phenomena. Plant World 57: 250-256. O. 1918. (Literature cited: p. 256

Maire, René
Un nouveau genre de papilionacées de la flore nord-africaine. Bull. Soc. Hist. Nat. Afr. Nord. 10: 22-26 Ja.1919 (Lyauteya ahmedi)

Martin, J. N.
Botany for agricultural students. N. Y., 1919.

Martin, William H.
Tomato spraying experiments at Riverton, N. J. Ann. Rep. N. J. Agr. Exp. Stat. 38(1916/17): 540-561. 1918.

Mukerji, N. G.
Handbook of Indian agriculture. 3d ed., rev. Calcutta, 1915.
Insects and fungus pests: p. 529-599

Murrill, W. A.
George Francis Atkinson. Journ. N. Y. Bot. Gard. 19: 314-315. D.1918.

Nakai, Takenoshin
A new attempt to the classification of genus Arabis growing in Japan, Corea, Saghaline and the Kuriles. Bot. Mag. Tokyo 32: 233-248 N.1918.

Nakai, Takenoshin
Notulae ad plantas Japoniae et Koreae. : XVIII Bot. Mag. Tokyo 32: 215-232. 1918.

Nanz, R. S.
The southern limit of Encalypta laciniata Bryol. 22: 3 Ja.1919

New Jersey. Agricultural college experiment station - Dept. of plant pathology
Report.., for the year ending Oct. 31, 1917. In Ann. Rep. N. J. Agr. Exp. Stat. 38th, 1917 1918
M. T. Cook, pathologist

Nichols, H. M.
Annual report of the microbiologist 1916/17. In Rep. Agr. & Stock Dept. Tasmania 1917/18.

Nicolas, Gustave
Les connaissances actuelles sur l'action du soufre sur la végétation. Bull. Soc. Hist. Nat. Afr. Nord. 10: 6-21. Ja.1919.

Norton, J. B.
Washington asparagus; information and suggestions for growers of new pedigreed rust-resistant strains. U. S. Dept. Agr. Cotton, Truck & For. Crop Dis. Circ. 7 8 p. F.15,1919.

Osburne, C. A. P.
Iris disease. Garden 83: 30-31. Ja. 25,1919.

Osterhout, G. E.
Additions to the flora of Colorado. Bull. Torr. Club 46: 53-56 F.1919.
Nuttallia hastata, Phacelia formosula, Oreocarya nonosperma, Mertensia olokeyi, Agoseris frondifera.

Osterhout, W. J. V.
A comparative study of permeability in plants Journ. Gen. Phys. 1: 299-304 Ja. 1919.

Osterhout, W. J. V.
The temperature coefficient of photosynthesis Journ. Gen. Phys. 1: 295-298 Ja.20,1919.
A. R. C. Haas joint author

Paravicini, Eug
Zur frage des zellkernes der bakterien. Centralbl. Bakt. Abt. 2, 48: 337-340 illus. Jy.1918.

Pennell, F. W.
Concerning duplicate types. Torreya 19: 13-14. Ja.1919.

Pillsbury, J. J.
White pine blister rust. Rhode Isl. State Bd. Agr. Entom. Dept. Circ. 1 4 p. illus. 1917.

Piper, C. V.
Rhizoctonia in lawns and pastures. Phytopath. 9: 89-92 pl. vii-viii F.1919
The article has been written entirely by Mr. Piper, but the investigations were made jointly with Mr. H. S. Coe. Mr. Coe died, O.25,1918.

Poole, R. F.
Report of celery investigation. Ann. Rep. N. J. Agr. Exp. Stat. 38(1916/17): 536-539 1918.

Popenoe, Wilson
Agricultural explorations in Mexico (cont.) Calif. Citrogr. 4: 69-70. Ja.1919.

Ramsberg, G. S.
The Antirrhinum, timely and useful directions for the culture of this popular and profitable flower. Flor. Exch. 47: 208-209 illus. F.1,1919.

Ramaley, Francis
Xerophytic grasslands at different altitudes in Colorado. Bull. Torr. Bot. Club 46: 37-52 illus.(maps) F.1919
Literature cited: p. 51-52

Rendle, A. B.
Anne Casimir Pyramus de Candolle Journ. Bot. 57: 23-24 Ja.1919.

Renner, Otto
Oenothera lamarckiana und die mutationstheorie. Naturwissensch. 6: 37-41, 49-52. 1918.
Literatur: p. 52.

Ritzema,Bos, Jan
Te gevolgen van een fout bij het snoeien van laanboomen. Tijdschr. Plantenz. 24(Bijbl.): 49-51. N.1918.

Rose, Dean H.
Blister canker of apple trees; a physiological and chemical study. Bot. Gaz. 67: 105-146 F.1919. (Literature cited: p. 144-146)
Contr. Hull. Bot. Labor. 248.

Schaffnit, Ernst
Versuche zur bekämpfung des kartoffelkrebses im jahre 1917 Zeitschr. Pflanzenkr. 28: 111-114. Je.1918.
G. Voss joint author
Chrysophlyctis endobiotica

Schanz, Fritz
Wirkungen des lichts auf die pflanze Biol. Zentralbl. 38: 283-296 illus. Jy.1918

Schneider, C. K.
Weitere beiträge zur kenntnis der chinesischen arten der gattung Berberis (Euberberis) (cont.) Oesterr. Bot. Zeitschr. 67: 15-32, 135-146, 215-228 Ja.-Jy.1918.

Schoevers, T. A. C.
Proeven met eenige chemicaliën ter bestrijding van het wortelaaltje (Heterodera radicicola Greef) II. Meded. R. Hoog. Land- Tuin- en Boschb. Sch. Wageningen. 15: 85-88 1918.

Schoevers, T. A. C.
Vreemde lichaampjes in zieke spinazieworteis. Meded. Landbouwhoogesch. Wageningen 15: 75-[84] pl. x 1918.
B. ef English resume (Unknown corpuscules in iseases spinach-roots): p.[83]

Schürhoff, P. N.
Die drüsenzellen des griffelkanals von Lilium martagon. Biol. Zentralbl. 38: 188-196 illus. My.1918.

Sierp, Hermann
Ueber die lichtquellen bei pflanzenphysiologischen versuchen. Biol. Zentralbl. 38: 221-257 (Literatur: p. 253-257) Je.1918.

Smith, G. M.
A second list of algae found in Wisconsin lakes. Trans. Wisc. Acad. Sci. 19: 614-654. pl. 10-15. 1918.

So, Masao
On the Xenia in the barley Bot. Mag. Tokyo 32: 205-214. O.1918
Yoshitaka Imai joint author

Spence, Magnus
The economic uses of brown sea-weeds. Journ. Bot. 56: 337-340. D.1918.

Stevens, F. L.
Two Illinois rhubarb diseases. Illinois Agr. Exp. Stat. Bull. 213: 297-312. illus. Ja.1919.
Anthracnose, Colletotrichum erumpens; leaf spot, Phyllosticta straminella.

True, R. H., Black, O.F. & Kelly, J. W.
Ash absorption by spinach from concentrated soil solutions. Journ. Agr. Res. v.15,no.1 p.15-25 Ja.6,1919

Tryon, Henry
Report of the entomologist and vegetable pathologist 1917/18. In Ann. Rep. Queensland Dept. Agr. & Stock 1917/18.

Tunstall, A. C.
A stem disease of tea caused by Neotria cinnabarina (Toda) Fr. Calcutta,1918. 6 p. plates

Van der Bijl, P. A.
Fomes applanatus (Pers.) Wallr. in South Africa and its effect on the wood of black ironwood trees (Olea laurifolia) So. Afr. Journ. Sci. 14: 485-492. illus. pl. 14-17 Je.1918

Vilmorin, J. L. de
Le ble et sa culture en France Rev. Gén. Sci. Pur. et Appl. 29: 694-704. illus. D.30,1918
A. Mounissier joint author
Bibliographical foot notes

Voges, Ernst
Zur richtigstellung. Centralbl. Bakt. abt. 2, 48: 420-422. Jy.1918.
On Riehm's Getreidekrankheiten ...

Waksman, Selman
Studies on proteolytic activities of soil micro-organisms, with special reference to fungi. Journ. Bact. 3: 475-492. S.1918.
References: p. 492

Webster, A. D.
Seaside planting for shelter, ornament and profit. 1918.

Webber, H. J.
A study of the effect of freezes on citrus in California. Calif. Agr. Exp. Stat. Bull. 304: 243-321. illus. Ja.1919.
Contributions by various authors

Weiss, J. E.
Einfluss der witterungsverhältnisse auf des auftreten von pflanzenkrankheiten und tierischen schädlingen 1916 und 1917. Zeitschr. Pflanzenkr. 28: 116-142, 201-210. Je.-Ag.1918.

Wernham, H. F.
The genus Manettia (cont.) Journ. Bot. 57(Suppl.): 17-24. Ja.1919.
(Tropical American Rubiaceae no.X)

Wieler, A. L.
Die grenzkonzentration für die schädigung der vegetation durch schweflige säure. Zeitschr. Pflanzenkr. 28: 97-105. Ja.1918.
Bibliographical footnotes

Williams, R. S.
Archidium cubense sp. nov. Bryol. 22: 2 Ja.1919.

Williams, R. S.
Hylocomium alaskanum (L. & J.) Kindb. Bryol. 22: 1 illus. Ja.1919.

Ulrich (Main Libr.)

PLEASE USE REGULAR LIBRARY BOOK REQUEST SLIPS FOR PERIODICALS WANTED INSTEAD OF RETURNING THIS LIST CHECKED. WE FIND THEM EXTREMELY AWKWARD TO HANDLE IN LARGE QUANTITIES.

MEMORANDUM CONCERNING THE LIBRARY INDEX.

Some objection has been made to the change in the size of the reference in the bi-weekly list of references. As it was found that it was impossible to procure paper other than this standard width, it was decided, after careful consideration, that the time saved by the few who might cut and paste the references, would not justify the great waste in paper, and the extra work in running off and assembling the additional sheets.

If you prefer the former size, however, please inform the librarian.

In response to many inquiries, the following information is given concerning the indexing done in the library:

I. Subjects covered:

a. Botany and allied subjects, with special emphasis on geographic and economic botany, biography and bibliography.
(Current indexing begun the latter part of 1915 with the intention of covering everything pertaining to American botany and botanical authors; it was never strictly confined to these limits, however, and has continued to expand, especially along subjects of particular interest).

b. Plant physiology and chemistry.

c. Soils, only as related to plant physiology and plant chemistry.

d. Plant pathology, and allied subjects.
(This subject complete for material received by Department of Agriculturel Library, since Jan. 1, 1914. References previous to that date being added as rapidly as possible. All material abstracted in Experiment Station Record to be eventually included.)

II. Periodicals examined.

All journals received in the Department Library, dealing with botany, plant pathology, mycology, general science, horticulture, and general agriculture; and some medical and chemical journals.

III. Other sources.

a. Books received at Department Library.

b. Department and station publications, domestic and foreign.

c. Library of Congress printed cards.

The mimeographed lists now being issued, contain references accumulated from the above sources, every two weeks, beginning Feb. 15, 1919.

WHEN YOU DO NOT FIND WHAT YOU WANT IN THE LIBRARY INDEXES CONSULT THE LIBRARIAN OR MISS ATWOOD.

Bureau of Plant Industry Library.
Current author entries, 1919, No. 3.
(Indexed Mar.1- Mar. 15,1919).

Appel, M.
Ueber den wert der Von der Croneschen nährlösung Zeitschr. f. Bot. 10: 145-158. 1918 (Literaturverzeichnis: p. 158.
Crone's Ergebnisse von untersuchungen über die wirkung der phosphorsäure auf die höhere pflanze und ein neue nährlösung.

Bachmann, E.
Der thallus von Didymella lettauiana Keissl. Centralbl. Bakt. abt.2, 48: 290-294 illus. Je.1918.

Baker, R. T.
A research in the Eucalypts of South Australia and their essential oils. Trans. & Proc. Roy. Soc. So. Austr. 40: 464-497. pl. xlix-lii D.1916.
R. G. Smith joint author

Berthault, René
A propos d'un foyer de rhizoctone violette de la betterave en Seine-et-Oise. Bull. Soc. Agr. France Ja.1919 p.18-19

Bezssonof, N.
Ueber die bildung der fruchtkörper des Penicillium glaucum in konzentrierten zuckerlösungen. Ber. Deut. Bot. Ges. 36:no.4,225-228 pl. iv Jy.1918
Bibliographical foot notes

Bisset, Peter
Proliferation in a double-flowered form of Calendula officinalis. Journ. Hered. 9 no.7: 323-325. illus. N.1918.

Bonnier, Gaston
Notice sur Viviand-Morel. Rev. Gen. Bot. 31: 5-9 Ja.1919.

Bracher, Rose
Observations on Euglena deses. Ann. Bot. 33 no.129: 93-108. illus. Ja.1919. (Bibliography: p. 108)

Brown, Bliss S.
Fruiting of apple trees every other year. Journ. Hered. 9 no.7: 304-306 illus. N.1918.

Buswell, W. M.
The roselle. Amer. Bot. 25 no.1: 14-15. illus. F.1919.

Clute, W. N.
The money in drug plants. Amer. Bot. 25 no.1: 15-20. F.1919.

Clute, W. N.
Vinegar bees. Amer. Bot. 25 no.1: 2-4 F.1919
Consist of Saccharomyces pyriformis and Bacterium vermiforme, used as ferment in making a vinegar.

Cook, M. T.
Diseases of grains and forage crops. New Jersey Agr. Exp. Stat. Circ. 102 16 p. illus. 1918.

Cook, M. T.
Potato diseases in New Jersey. New Jersey Agr. Exp. Stat. Circ. 105 38 p. illus. 1919

Corbett, L. C.
Plant response under artificial light. Journ. Wash. Acad. Sci. 9:no.5: 148. Mr.4,1919. (Abstract of paper presented to Botanical society of Washington, F.4,1919.

Davis, B.M.
The segregation of Oenothera brevistylis from crosses with Oenothera lamarckiana. Genetics 3 no.6: 501-533 illus., fold. tab. N.1918.
Literature cited: p. 532-533.

Dearing, C. T.
Producing self-fertile muscadine grapes. Journ. Wash. Acad. Sci. 9 no.5: 147-148 Mr.4,1919. (Abstract of paper presented to Botanical society of Washington, F. 4,1919.)

Brierley, W. B.
Leaf spot of orchids. Gard. Chron. III, 65 no.1676: 61-62 F.1919.

Dykes, W. R.
Notes on irises. Gard. Chron. III, 65:nos.1675-6: 51,72. F.1919.
Iris unguicularis, I. bakeriana melaina

Ernst, A.
Experimentelle erzeugung erblicher parthenogenosis Zeitschr. Induk. Abstamm. u. Vererbungsl. 17:no.3: 203-250: illus. Mr.1917.
Literaturverzeichnis: p. 248-250.

Fairchild, David
The Chinese potsai as a salad. Journ. Hered. 9 no.7: 291-295. illus. N.1918.

Fernald, M. L.
I. The unity of the genus Arenaria. II. The type of the genus Alsine. III. The earlier names for Alsinopsis. IV. The American representatives of Arenaria sajanansis. V. The specific identity of Arenaria groenlandica and A. glabra. VI. The American variations of Arenaria verna. Rhodora 21 no.241: 1-23 Ja.1919. (Contributions from Gray herbarium, n.s., no.LVII)

Fischer, E.
Die publikationen über die biologie der uredineen im jahre 1917. Zeitschr. Bot. 10 no.7: 389-395 illus. 1918. (Literatur-verzeichnis: p. 395)

Gager, C. S.
A laboratory guide for general botany...2d ed. Philadelphia,[1919] 206 p.

Gt. Brit. Board of agriculture and fisheries.
Insect and fungus pests of basket willows. Its Leafl. 301 11 p. 4 pl. on 2. 1918. (Fungus diseases: p. 9-11)

Griggs, R. F.
The character of the eruption as indicated by its effect on nearby vegetation. Ohio Journ. Sci. 19 no.3: 173-209 illus. Ja.1919 (Scientific results of the Katmai expeditions of the National geographic society IV)

Gruber, Calvin Luther
Fragrant wildflowers. Amer. Bot. 25 no.1: 8-13 F.1919.

Hagström, J. O.
Critical researches on the Potamogetons. K. Svenska Vetenskapsakad. Handl. v. 55 no.5 281 p. illus. 1916

Harder, Richard
Ueber die bewegung der nostocaceen. Zeitschr. Bot. 10 no.4: 177-244 1918
Literatur: p. 243-244.

Hasler, A.
Beiträge zur kenntnis der Crepis- und Centaurea puccinien vom typus der Puccinia heiracii. Centralbl. Bakt. abt. 2, 48: 221-285 illus. Je.1918.
Bibliographical foot notes

Hayes, H. K.
Natural crossing in wheat. Journ. Hered. 9 no.7: 326-330 illus. N.1918.

Heald, F. D.
The wind dissemination of the spores of bunt or stinking smut of wheat. Wash. Agr. Exp. Stat. Bull. 151 23 p. illus. D.1918 (D.C.George joint author)

Henning, E.
Bidrag till kännedomen on den s.k. gulspetssjukan hos sädesslagen. Stockholm, 1918. 30 p. illus., col.pl. (Meddel. n:r 179 Centralanst. Försöksv. Jordbr. Bot. Avdeln. n:r 15)

Herzog, A.
Ueber das schleifen pflanzlicher objekte zur mikroskopischen zwecken. Zeitschr. Wiss. Mikrosk. 34:no. 3: 241-244 pl. x-xiv. My.1918

Hayden, A.
The ecologic foliar anatomy of some plants of a prairie province in central Iowa. Amer. Journ. Bot. 6 no.2: 69-85 pl. ix-xiv. F.1919.
Literature cited: p. 84

Hodgson, R. W.
An interesting bud-sport in the Washington navel orange... Journ. Hered. 9 no.7: 301-303 illus. N.1918.

Höhnel, F.
Dritte vorläufige mitteilung mycologischer ergebnisse . . Ber. Deut. Bot. Ges. 36 no.6: 309-317. O.1918.

Hoffer, G. N.
Selection of disease-free seed corn. Indiana Agr. Exp. Stat. Bull. 224. 16 p. illus. S.1918. (J.R. Holbert joint author)

Hudson, James
Mr. George Bunyard, V.M.H. Gardening Illus. 41 no.2083: 72 port. F.8,1919.

Jackson, H. S.
[Report of] Botany department, 1917/18 In Ann. Rep. Indiana Agr. Exp. Stat. 31st, 1917/18.

Jensen, P. Boysen
Studies on the production of matter in light and shadow plants. Bot. Tidsskr. 36 no.4: 219-262. 1918. (List of literature: p. 251-252)
Resumé in Danish (Studier over stofproduktionen hos lys- og skyggeplanter): p. 260-262

Karsten, G.
Ueber die tagesperiode der kern- und zellteilungen. Zeitschr. Bot. 10 no.1: 1-20 pl. i 1918. (Literatur: p. 19)

Karsten, G.
Zur phylogenie der angiospermen Zeitschr. Bot. 10 no.7: 369-388 illus. 1918. (Literatur: p. 387-388)

Kellerman, Karl F.
The eradication of the citrus canker. Journ. Wash. Acad. Sci. 9 no.5: 143-145. Mr. 4,1919. (Abstract of paper presented to Botanical society of Washington, Oct.1,1918)

Killian, Karl
Morphologie, biologie und entwicklungsgeschichte von Cryptomyces pteridis (Rebent.) Rehm. Zeitschr. Bot. 10 no.2: 49-126 illus. 1918.
Uebersicht über die wichtigste literatur: p. 124-126.

Kolkwitz, Richard
Ueber die schwefelbakterien-flora des solgrabens von Artern. Ber. Deut. Bot. Ges. 36 no.4: 218-224. Jy.1918 (Literatur: p. 223-224.)

Kylin, H.
Ueber die fucosanblasen der phaeophyceern Ber. Deut. Bot. Ges. 36 no.1: 10-19 illus. Ap.1918. (Literaturverzeichnis p. 19)
Abstr. in Physiol. Abstr. 3: 578-9.

Lister, G.
Two new varieties of Lamproderma. Journ. Bot. 57 no.674: 25-27 pl.552 F.1919 (Lamproderma violaceum var. debile; L. atrosporum v. anglicum)

Livingston, B. E.
Some responsibilities of botanical science Science 49 no.1260: 199-207. F.28,1919.
Address, Sect. G, Botany, Amer. Assoc. Adv. Sci. D.1918.

Lloyd, C. G.
Xylaria notes no.1-2 Cincinnati, S., D., 1918
32 p. illus. (In his Mycological writings v.5)

Lorenz, Annie
Nardus stricta in the White Mountains. Rhodora 21 no.241: 22-23 Ja.1919.

MacCaughey, V.
History of botanical exploration in Hawaii.(cont.) Hawaiian For. & Agr. 16 no.1: 25-28 Ja.1919.

McRostie, G. P.
Inheritance of anthracnose resistance as indicated by a cross between a resistant and a susceptible bean. Phytopath. 9: 141-148 Mr.1919.
Paper no. 77 Dept. Plant Breed. Cornell. (Literature cited: p. 148)

Magnus, W.
Wund-callus und bakterien-tumore. Ber. Deut. Bot. Ges. 36 no.1: 20-29 Ap. 1918 (Literatur: p. 29)

Maiden, J. H.
Notes on some South Australian eucalypts. Trans. & Proc. Roy. Soc. So. Austr. 41: 333-341. D.1917.

Malpeaux, L.
Pour éviter la dégénérescence des pommes de terre choix, préparation et conservation des tubercules de semence. Vie Agric. et Rur. 8: 439-444 illus. D.1918

Meier, F. C.
Relationship of fungous diseases to the water melon industry. Off. Min. Ann. Meet. Melon Distr. Assoc. 4(1918): 19-27 1918

Mercier, S. A.
The electrification of seeds, a revolution in agriculture. Country life 44 no.1142: 454-456 illus. N.23,1918.

Meyer, A.
Die angebliche fettspeicherung immergrüner laubblätter Ber. Deut. Bot. Ges. 36: 5-10. Ap. 1918. no.1. (Literatur: p. 9-10)

Michel-Durand, E.
Variation des substances hydrocarbonées dans iles feuilles (cont.) Rev. Gén. Bot. 31 no.361: 10-27. Ja.1919.

Miller, W. DeW
A distinction between two carices. Rhodora 21 no.241: 23-24. Ja.1919.
C. laxiculmis & C. digitalis

Miny, P.
Flore spontanée (du Congo Belge) Bull. Agr. Congo Belge 9: 296-318 1918.
Dr. Vermoesen joint author (Notes on plants of economic interest)

Montfort, C.
Die xeromorphie der hochmoorpflanzen als voraussetzung der "physiologischen trockenheit" der hochmoore. Zeitschr. Bot. 10: 257-352 illus. 1918. no.5/6. (Zitierte literatur: p. 348-352)

Munns, Edw. N.
Some biological and economic aspects of the chaparral. Journ. For. 17 no.1: 8-14. Ja.1919.

Nafziger, T. E.
How sorghum crosses are made. Journ. Hered. 9 no.7: 321-322 N.1918.

Nelson, James C.
The name Toxylon again Amer. Bot. 25 no.1: 21-23. F.1919.

Nowell, William
Root disease or red ring disease of coco-nut palms. Agr. News 18: 46. F.8,1919.

Osborn, T. G. B.
A note on the occurrence and method of formation of the resin (Yacca gum) in Xanthorrhoea quadrangulata Trans. & Proc. Roy. Soc. So. Austr. 40: 1-8 illus., pl. i-iii D.1916

Pearson, William Henry
The genus Herberta as represented in the Manchester Museum. Journ. Bot. 57 no. 674: 42-44 F.1919.

Prain, Sir David
"John" Roxburgh. Journ. Bot. 57 no.674: 28-34. F.1919.
Discusses John, William and James, all sons of William Roxburgh, shows that Mr. Britten's suggestion that John & James are one and the same is not borne out by facts.

Reddick, Donald
Additional varieties of beans susceptible to mosaic. Phytopath. 9: 149-152. Mr.1919. (V. B. Stewart, joint author)

Reddick, D.
Vern Bonham Stewart Phytopath. 9: 111-113 port. Mr.1919.
Publications: p. 112-113.

Reed, H. S.
On the existence of a growth-inhibiting substance in the Chinese lemon. Univ. Calif. Publ. Agr. Sci. v.4, no.3, p. 99-112. pl. 3-6. F.1919.
F. F. Halma joint author

Reinking, Otto
Philippine plant diseases Phytopath. 9: 114-140. Mr.1919.
Not so extensive as his article in Philippine Journal of Science Ser. A, v.13, Jy.1918.

Reinking, Otto A.
Philippine economic-plant diseases. Philipp. Journ. Sci.,Ser.a, 13: 165-216. illus. Jy.1918. (Diseases listed under host names, p. 165-170)

Rippel, August
Semipermeable zellmembranen bei pflanzen. Ber. Deut. Bot. Ges. 36 no.4: 203-218. Jy.1918. (Literatur: p. 216-218)

Rock, J. F.
Cyrtandreae hawaiienses, sections Schizocalyces Hillebr. and Chaetocalyces Hillebr. Amer. Journ. Bot. 6 no.2: 47-68 pl. iii-viii F.1919.

Rollins, W.
Hybridizing and crossing the French Iris. Flower Grow. 6: 22-23. illus.Mr.1919.

Salisbury, E. J.
Variation in Ernathis hyemalis, Ficaria verna, and other members of the Ranunculaceae, with special reference to trimery and the origin of the perianth. Ann. Bot. 33 no.129: 47-79 illus. Ja.1919.

Schramm, Jacob R.
Botanical abstracts Science 49: 195-196 F.21,1919. no.1259.

Schulz, August
Abstammung und heimat desrispenhafers und des fahnenhafers (Avena diffusa Nellr. und A. orientalis Schreb.) Ber.Deut. Bot. Ges. 36: 229-232. pl. iv. Jy.1918 no.4. (Bibliographical foot notes)

Schulz, A.
Abstammung und heimat desroggens. Ber. Deut. Bot. Ges. 36 no.1: 39-47. Ap.1918. (Bibliographical footnotes)

Shamel, A. D.
Lemon orchard from buds of single selected tree Journ. Hered. 9 no.7: 318-320 illus. N.1918.

Shamel, A. D.
A fruiting orange thorn. Journ. Hered. 9 no.7: 315-317. illus. N.1918.
C. S. Pomeroy joint author
Thorns are modified leaves or branches, on orange trees they are nuisances, thornless varieties may be produced.

Sherbakoff, C. D.
About trucking and truck diseases. Florida Grow. v.19,no.9 p.8, 35. Mar.1,1919, no.10 p.8 Mr.8,1919.

Shufeldt, R. W.
Plants that occur in both north and south Atlantic states... Amer.For. 25: no.301: 801-803 illus. Ja.1919.

Smith, R. E.
Handbook of plant disease and pest control. Calif. Agr. Exp. Stat. Circ. 204. 36 p. Ag.1918. (E. O. Essig & G. P. Gray joint authors)

Soth, B. H.
The cushion pink. Amer. Bot. 25 no.1: 2 pl. F.1919. (Silene acaulis)

Stahel, Gerold
Ueber die inflorescenzen von Theobroma cacao Linn. und Theobroma bicolor Humb. und ihre umformung unter den einfluss des kŕullotenschimmels (Marasmius perniciosus Stahel) Ann. Jard. Bot. Buitenz. II, 15 pt.2: 95-114. pl. xiv-xx 1918.

Stakman, E. C.
Effect of certain ecological factors on the morphology of the urediniospores of Puccinia graminis. Journ. Agr. Res. v. 16, no.2, p. 43-77. Ja.13,1919.
M. N. Levine joint author (Literature cited: p. 77)

Stakman, E. C.
New biologic forms of Puccinia graminis. Journ. Agr. Res. v.16, no.3 p.103-105 Ja. 20, 1919. (M.N.Levine, J.G.Leach joint authors)

Steil, W. N.
A study of apogamy in Nephrodium hirtipes Hk. Ann. Bot. 33: 109-132 no.129 pl. v-vii. Ja.1919. (Bibliography: p. 129-130)

Stevenson, J. A.
Catalogo de las enfermedades fungosas y no parasiticas que atacan las plantas economicas de Puerto Rico Rev. Agr. Puerto Rico 2(2): 23-33. Ja.1919.

Stevenson, J. A.
Notas sobremedios de combatir el matizado de la cana. Rev. Agr. Puerto Rico 2(2): 10-12 Ja.1919.

Syresteyn, C. H. C. A. van
Oud-Nederlandsche tunikunste. 1919.

Taubonhaus, J. J.
Pink root of onions. Science 49: 217-218. F.28,1919.
Fusarium malli n.sp.(Named not described).

Ursprung, A.
Ueber ionisierung der luft durch pflanzen. Ber. Deut. Bot. Ges. 36 no.4: 184-192. Jy.1918. (A. Gockel joint author)
Abstr. in Physiol. Abstr. 3: 578.

Vanderyst, H.
Prodrome d'agrostologie agricole, Bas et Moyen-Congo Belge (cont.) Bull. Agr. Congo Belge 9: 234-252 1918.

Veer, K. van der
Bangkoewang (Pachyrhizus angulatus Rich.) Teysmannia 29 no.10: 547-553 pl. 1918.

Veer, K. van der
Parija (Momordica charantia L.) Teysmannia 29: 554-555. no.10 pl. 1918

Vicotrin, Marie
Random botanical notes II. L'Islet County, Quebec. Ottawa Nat. 32 no.6: 109-111. D.1918.

Vinall, H. N.
Effect of temperature and other meteorological factors on the growth of sorghums. Journ. Wash. Acad. Sci. 9 no.5: 145. Mr.4,1919.
Abstract of paper presented to Botanical society of Washington, D.5,1918.

Vries, Hugo de
Halbmutanten und massenmutationen. Ber. Deut. Bot. Ges. 36 no.4: 193-198. Jy.1918.

Ward, Martha E.
Galax aphylla introduced in Massachusetts. Rhodora 21 no.241: 24. Ja.1919.

Wernham, H. F.
The genus Manettia (cont.) Journ. Bot. 57(Suppl.): 25-32 F.1919 (His Tropical American Rubiaceae X)

What climbers to plant and why (with table of climbing plants) So. Afr. Gard. & Country Life 9 no.1: 16-19, 21-22. illus. Ja.1919.
Suitable for South Africa

White, J. J. Inc.
Blueberry plants, 1919. New Lisbon, N.J. 1919. 14 p. incl. pl.
Includes Miss E. C. White's answer to question "What berry is worth more commercially in the United States than all the other berries combined?"
New Jersey State Hort. Soc., Dec.1918.

White pine blister rust. Bienn. Rep. For. Comm. New Hampshire 1916/17-17/18. p. 36-47 2 pl. N.1918.

Wickson, E. J.
Beginnings of agricultural education and research in California. Rep. Agr. Exp. Stat. Calif. 1917/18 p. 35-101. 1918. (Plant diseases: p. 86-88)

Williams, F. N.
Revision of the British species of Sagina. Rep. Bot. Soc. & Exch. Cl. Brit. Isles 5(1917): 190-204 D.1918 pt.1.

Willis, J. C.
The flora of Stewart Island (New Zealand): a study in taxonomic distribution. Ann. Bot. 33 no.129: 23-46 Ja.1919. (Bibliography: p. 46)

Zimmerman, H.E.
Cultivated blueberries. Amer. Bot. 25 no.1: 7-8 illus. F.1919.
Note on Dept. of Agriculture experiments.

no.1 Ap.1918.

[illegible], Clara
[illegible] tropische verhalten entstärkter keimpflanzen. Ber.Deut.Bot.Ges.36:30-38

Wilkins (Main Libr.)

APR 2 1919

Bureau of Plant Industry Library.
Current author entries, 1919, No. 4.
(Indexed Mar.16-Mar.31,1919)

Allen, E. R.
An all-glass nitrogen apparatus. Ann. Mo. Bot. Gard. 6: 45-48. pl.2. Feb. 1919 (B. S. Davisson, joint author) no.1.

Allen, E. R.
Some conditions affecting the growth and activities of Azotobacter chroococcum. Ann. Mo. Bot. Gard. 6: 1-44. pl.1. Feb. 1919. no.1.
Bibliography, p. 42-43.

Alway, Frederick J.
Relation of minimum moisture content to subsoil of prairies to hygroscopic coefficient. Bot. Gaz. 67: 185-207 Mr.1919. no.3. (Literatured cited: p.207) (G. R. McDole, R. S. Trumbull joint authors)

Anderson, P. J.
Index to American species of Phyllosticta. Mycologia 11: 66-79 Mr.1919. no.2.

Antevs, Ernst
Zur kenntnis der jährlichen wandlungen der stickstofffreien reservestoffe reservestoffe der holzpflanzen. Ark. Bot. v.14, no.16 25 p. 1916 no.3.
Zitierte literatur: p. 24-25

Arias-Carvajal, Pio
Plantas que curan y plantas que matan. Barcelona, 1911.

Arnaud, Gabriel
Fumagines de la vigne Rev. Vitic. 50: 90-92 F.1919. no. 1284.
Fumago vagans auct., Meliola merrillii Sydow.

Atkinson, G. F.
Relationships within the Rhodosporeae Bot. Gaz. 67: 266-267. Mr.1919. no.3

Balfour, I. B.
New species of Rhododendron, II. Notes Roy. Bot. Gard. Edinb. 10: 79-165 N.1917 (No.XLVII-XLVIII)

Beckett, Edwin
Roses and how to grow them. London, 1918 126 p.

Bessey, Ernst A.
An undescribed species of Ophiodothella on Ficus Mycologia 11: 55-57 pl. 5 Mr.1919. no.2. (O. fici n.sp.)

Biedermann, W.
Mikrochemische beobachtungen an den blattzellen von Elodea. In Festschrift zum ziebsigsten geburtstage von Ernst Stahl. Jena,1918 p.500-605 illus. (Flora v.111/112)

Bois, D.
Nothopanax davidii Harms... Rev. Hort. 91: 212-213. illus. Ja.1919. (no.13)

Brann, F. R.
Factors concerning the drop of immature citrus fruit in central California. Month. Bull. State Comm. Hort. Calif. 8: 74-75 F.1919.

Brown, T. W.
Orange like fruit from a lemon tree. Journ. Hered. 9: 308-310. illus. N.1918.

Buchanan, R. E.
Studies in the classification and nomenclature of the bacteria X. Subgroups and genera of the Myxobacteriales and Spirochaetales. Journ. Bact. 3: 541-545 N.1918 [1919?] (References: 544-545) (no.6)

Buchholz, J. T.
Studies concerning the evolutionary status of polycotyledony. Amer. Journ. Bot. 6: 106-119 illus. Mr.1919. (Literatur cited: p. 119) (no.3)

Büsgen, Mortiz
Biologische studien mit Botrytis cinerea. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 605-620 (Flora v.111/112) (Bibliographical foot notes)

Candolle, C. de
Beiträge zur kenntnis der piperaceen von Papuasien. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 204-220 D.1918 (no.2/3)

Cardot, Jules
[Letter] Torreya 19: 53 F.1919 (no.2) (Telling of terrible condition in which he found his collection on his return to his home in Charleville,France.)

Carnegie institution. - Dept. of botanical research.
Report 1918 In Yearbk. Carnegie Inst. 17: 55-88. 1919.
(W. T. MacDougal, director) (Imbibition and growth. - Photosynthesis and metabolism.- Imbibition and water relations.- Ecology- Plant breeding.)

Chase, A.
Some causes of confusion in plant names. Journ. For. 17: 159-162. F.1919. no.2.

Chenantais, J. E.
Etudes sur les pyrénomycètes. Bull. Soc. Mycol. France, 34: 47-73, illus. 15 juin 1918. (no. $\frac{1}{2}$)

Chenantais, J. E.
Trois discomycètes. Bull. Soc. Mycol. France, 34: 34-40. pl.iii 15 juin 1918 no.$\frac{1}{2}$

Ciamician, G.
Sull'azione degli enzimi vegetali sopra alcune sostanze organiche. Rend. R. Accad. Lincei V. Cl. Sci. Fis., Mat. e Nat. 27(2): 293-300. N.1918. no. 9/10
Bibliographical foot notes (C. Ravenna joint author)

Cockerell, T. D. A.
Hybrid perennial sunflowers. Bot. Gaz. 67: 264-266. Mr.1919.

Colon, E. D.
The mottling disease of sugar cane in Porto Rico. Agr.News 18, no.469; 62-63. F.22,1919. (Transl. of Circ.14, Estac. Exp. Insul. Puerto Rico) p.1-6. 1918).

Condit, Ira J.
"Die-back" of the fig in California. Month. Bull. State Comm. Hort. Calif. 8: 61-63 illus. F.1919. (Literature cited: p. 63) (H.J.Stevens joint author)
Botrytis cinerea, Sclerotinia libertiana.

Craib, W. G.
Gesneracearum novitates nonnullae. Notes R. Bot. Gard. Edinb. 10: 211-219 Jy.1918 (No.XLIX-L)

Craib, W. G.
Primulae novitates nonnullae. Notes R. Bot. Gard. Edinb. 10: 205-210. Jy.1918. (No. XLIX-L)

Craib, W. G.
Regional spread of moisture in the wood of trees I Notes R. Bot. Gard. Edinb. 11: 1-18 pl. cl-clix. N.1918 (no.LI)
I. Deciduous-leaved trees during the period late autumn to early spring.

Cuénod, A.
Notes sur les tulipes de Tunisie. Bull. Soc. Hist. Nat. Afr. Nord 10: 35-37 F.1919 (T. sylvestris, T. oculus-solis, T. clusiana.) (no.2)

Denis, M.
Recherches anatlmiques sur quelques plantas littorales de Madagascar. Rev. Gén. Bot. 31: 33-52 illus. F.1919 (no.362)

Detmer, W.
Ernst Stahl, seine bedeutung als botaniker und seine stellung zu einigen grundproblemen der biologie. In Festschrift zum siebzigsten geburtstage von Ernst Stahl Jena, 1918 p. 1-47 (Flora v.111/112)
Stahl's wissenschaftliche arbeiten: p. 3-5.
Verzeichnis der auf E. Stahl's anregung entstandenen dissertationen. p.45-47.

Detmers, F.
Two new varieties of Acer rubrum L. Ohio Journ. Sci. 19: 234-239. illus. Feb. 1919. (Var.viride and var. rubo carpum.) (no.4)

Diagnoses. Speciarum novarum in herbarie Horti regii botanici Edinburgensis cognitarum CCCLI-CCCC. Species asiaticae Notes R. Bot. Gard. Edinb. 10: 167-204. Jy.1918 (No. XLIX/L) (By W. W. Smith)

Diels, L.
Ueber wurzelkork bei pflanzen stark erwärmter böden. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 490-502. illus. (Flora v.111/112) (Literatur: p. 502)

Dodge, C. W.
Tyrosin in the fungi: chemistry and methods of studying the tyrosinase reaction. Ann. Mo. Bot. Gard. 6: 71-92. Feb. 1919. (no.1) (Bibliography, p.89-92)

Dorety, H. A.
Embryo, and seedlings of Dioon spinulosum Bot. Gaz. 67: 251-257 pl. x Mr.1919.

Drude, O.
Licht- und wärmestrahlung als ökologische standortsfaktoren. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 227-267 (Flora v.111/112) (Literaturverzeichnis: p. 264-267.

Dufour, L.
Note sur le mode de végétation du Plicaria leiocarpa Currey. Bull. Soc. Mycol. France 34: 31-33. no. 1/2. 15 juin 1918.

Dufrenoy, J.
Les conditions écologiques du développement des champignons parasites.- Etude de géographie botanique. Bull. Soc. Mycol. France, 34: 8-26. 15 juin 1918. no. 1/2. ("Bibliographie": p. 26.

Dufrenoy, J.
How plants and animals utilize color; pigments that protect living matter against radiation. Sci. Amer. Suppl. 87: 102. F. 15, 1919. (no.2250)
Transl. of his article in the Rev. Gen. Sci., La signification biologique des essences et des pigments.

Dufrénoy, J.
Les réactifs biologiques de l'espèce et la spécificité parasitaire. Rev. Gén. Sci. Pur. et Appl. 30: 44-47. Ja. 30,1919. no.2. (Bibliographical foot notes)

Duggar, B. M.
The use of the colorimeter in the indicator method of H ion determination with biological fluids. Ann. Mo. Bot. Gard. 6: 61-70. no.1. Feb.1919.
C. W. Dodge, joint author (Bibliography, p. 69-70

Dunbar, J.
Maples little known or new in cultivation. Florists' Exch. 47: 515. Mr.15,1919. (no.11)

Earle, F. S.
The mottling disease of sugar cane in Porto Rico. Agr. News 18, no.439: 63. F.22,1919. (Transl. Circ.14, Estac.Exp. Insul. Puerto Rico, p.6-8,1918)

Elliott,J. A.
A smut on Iresine. Mycologia 11: 87-88. illus. Mr.1919. no.2.
Tolyposporium iresine sp. nov.

Enfer, V.
Le chancre du poirier. Rev. Hort. 91: 217-218. no.13. Ja.1919.

Fawcett, H. S.
Psorosis (scaly bark) of orange trees in California. Calif. Citrogr. 4: 107, 133, 139. illus. Mr.1919. no.5.

Festschrift zum siebzigsten geburtstage von Ernst Stahl in Jena. Flora 111/112 (n.f., 11/12) 724 p. illus., plates 1918.

Fischer, E.
Mycologische beiträge 5-17 illus. 1916-18
Separates from Mitt. Naturf. Ges. Bern, 1916-18.

Florida state plant board- Dept. of citrus eradication
Report for quarter ending Dec.1918. Its Quart. Bull. v.3, no.2, p.109-110. Ja.1919.

Focke, W. O.
Die nordwestdeutsche küstenflora. In Festschrift zum siebzigsten geburtstage von Ernst Stahl Jena, 1918 p. 282-293 (Flora v.111/112)

Gäumann, E.
Ueber die spezialisation der Peronospora caletheca De Bary Svensk Bot. Tidskr. 12: 433-445 1918. no.4. (Literaturverzeichnis p. 445)

Gautier, C.
Sur les pigments fes Russules Compt. Rend. Soc. Biol. 82: 72-73. no.2. Ja.1919.

Gentil, A.
Monseigneur Léveillé 1863-1918. Bull. Géogr. Bot. IV, 26: [153-154] O./D.1918 (no.343/5)

Ghosh, M.
Notes on the hydrocyanic acid content of jowar (Andropogon sorghum) Agr. Journ. India 14: 107-115. Ja.1919.

Giesenhagen, Karl
Ueber einen seltsamen farn der flora von Ceylon. Ein beitrag zur entwicklungsmechanik des farnwedels In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 294-316. illus. (Flora v.111/112)

Gilg, Ernst
Die bis jetzt aus Neu-Guinea bekannt gewordenen flacourtiaceen. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 273-294 illus. D.1918 no./2/3.

Gilg, Ernst
Ueber zwei pflanzengeographisch interessante monimiaceen aus Deutsch-Neu-Guinea. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 195-201. illus. D.1918. no.2/3. (R. Schlechter joint author)

Goebel, Karl
Zur kenntnis der zwergfarne. In Festschrift zum siebzigsten geburtstage von Ernst Stahl Jena, 1918 p. 268-281. illus. (Flora v.111/112)
Bibliographical foot notes

Goris, A.
Localisation et rôle des alcaloides et des glucosides chez les végétaux
2d ed. 1914

Guérin, P.
Developpement de l'anthère et du pollen des labiées Compt. Rend. Acad. Sci. Paris 168: 182-185 Ja.1919. (no.3)

Halsted, B. D.
Possible correlations concerning position of seeds in the pod. Bot. Gaz. 67: 245-250. Mr.1919. (no.3)

Hayden, A.
The ecologic subterranean anatomy of some plants of a prairie province in central Iowa. Amer. Journ. Bot. 6: 87-105 pl. xv-xxviii Mr.1919. no.3.
Literature cited: p. 103-104.

Hemmi, F.
On the carbohydrates of the edible tubers of Japan. Journ. Coll. Agr. Hokkaido Imp. Univ. Sapporo 8: 33-76. D.1918. (no.2)

Horne, W. T.
Oak-fungus disease, oak-root fungus disease, fungus-rot, toadstool root-rot or mushroom root-rot. Month. Bull. State Comm. Hort. Calif. 8: 64-68. F.1919.

Jost, L.
Die griffelhaare der campanulablüte In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 478-489 illus. (Flora v.111/112)

Juillard, G.
Deux bolets rares. Bull. Soc. Mycol. France 34: 27. pl. i-ii (col.) 15 juin 1918. no.1/2. (Boletus calopus Fr. and B. olivaceus Schaeff.

Karsten, G.
Ueber kompasspflanzen. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 48-59 pl.i (Flora v.111/112)

Karsten, G.
Ueber die tagesperiode der kern- und zellteilungen. Zeitschr. Bot. 10: 1-20 pl. i 1918 (no.1) (Literatur: p.19)

Klebs, G.
Ueber die blütenbildung von Sempervivum. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 128-151 illus. (Flora v.111/112)
Literatur: p. 151

Kniep, H.
Ueber die bedingungen der schnallenbildung bei den basidiomyzeten. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 380-395 (Flora v.111/112) (Bibliographical foot notes)

Killian, K.
Ueber die lebensgeschichte von Venturia inaequalis. Ad. Ber. K. Lehranst. Obst u. Gartenb. Proskau 1914 p. 157-161. illus. 1915.

Killip, E. P.
Fern-hunting in Panama. Amer. Fern Journ. 9: 5-17. illus. Ja./Mr.1919. no.1.

Kirchner, O.
Die bestäubungseinrichtung von Isnardia palustris L. und ihrer verwandten. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 317-326 illus. (Flora v.111/112)

Klebahn, H.
Impfversuche mit pfropfbastarden. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 418-430 illus. (Flora v.111/112)
Bibliographical foot notes

Klebahn, H.
Peridermium pini (Willd.) Kleb. und seine übertragung von kiefer zu kiefer. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 194-207 illus., pl. iv-v (Flora v.111/112) (Bibliographical foot notes)

Koch, G. P.
Hyoscyamus niger. Amer. Journ. Pharm. 91: 68-83. F.1919. no.2. Bibliography: p.83.

Koernicke, M.
Ueber die extrafloralen nectarien auf den laubblättern einiger hibisceen. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918. p. 526-540 pl. vii (Flora v.111/112) (Literaturübersicht: p. 539)

Küster, E.
Ueber rhythmisches dickenwachstum. In Festschrift zum siebzigsten geburtstage von Ernst Stahl Jena, 1918 p. 621-640 illus. (Flora v.111/112) Bibliographical foot notes

Lauterbach, C. A. G.
Beiträge zur flora von Papuasien VI (cont.) Bot. Jahrb. Engler 55: 145-312. illus. D.1918. No.2/3.

Lauterbach, C.
Die rutaceen Papuasiens. In his Beiträge zur flora von Papuasien VI Bot. Jahrb. Engl. 55: 221-265 illus. D.1918. no.2/3.

Lehmann, E.
Ueber neuere oenotherenarbeiten. Zeitschr. Bot. 10: 517-551. 1918. (no.9) (Literatur: p. 550-551)

Lehmann, E.
Ueber reziproke bastarde zwischen Epilobiun roseum und parviflorum. Zeitschr. Bot. 10: 497-511. illus. 1918. (no.9) (Literatur: p. 511)

Léveillé, H.
Les formes du Chonopopium allum (L.) [i.e.] Chenopodium album. Bull. Géogr. Bot. IV, 26: 166-167. O./D.1918. no.343/5.

Levine, M.
Further notes on the sporadic appearance of non-edible mushrooms in cultivated mushroom beds. Mycologia 11: 51-54. no.2. pl. 4 Mr.1919.

McDougall, W. B.
Development of Stropharia epimyces Bot. Gaz. 67: 258-263 illus. Mr.1919. (Literature cited: p.263)

McRae, W.
Blast of paddy Agr. Journ. India 14: 65-70 Ja.1919 (pt.1) (Piricularia oryzae)

McRae, W.
Phytophthora meadii n. sp. on Hevea brasiliensis Mem. Dept. Agr. India Bot. Ser. 9: 219-273 iii pl. N.1918 (no.5) (Bibliographical foot notes)

Maire, R.
Une ustilaginale nouvelle de la flora nord-africaine. Bull. Soc. Hist. Nat. Afr. Nord 10: 46-47 F.1919. (no.2) (Ustilago bracypodii-distachyi n.sp.)

Martineau, A.
The herbaceous garden 3d ed. 1917.

Maxon, W. R.
Notes on American ferns XIII. Amer. Fern. Journ. 9: 1-5. 1919. (no.1)

Melchers, L. E.
The mosaic or white pickle disease of cucumbers Bienn. Rep. Kansas State Hort. Soc. 34: 102-104. 1918.

Meyer, A.
Eiweissstoffwechsel und vergilben der laubblätter von Tropaeolum majus. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p.84-127 illus. (Flora v.111/112) (Literatur: p. 126-127)

Michel-Durand, E.
Variation des substances hydrocarbonées dans les feuilles (cont.) Rev. Gén. Bot. 31: 53-60. no.362. F.1919.

Miehe, H.
Anatomische untersuchung der pilzsymbiose bei Casuarina equisetifolia nebst einigen bemerkungen über das mykorhizenproblem. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 431-449 illus. (Flora v.111/112)
Bibliographical foot notes

Mirande, M.
Sur les réactions microchimiques et les localisations de l'alcaloide de l' Isopyrum thalictroides Compt. Rend. Acad. Sci. Paris 168: 316-317. F.1919. no.6.

Möbius, M.
Ueber orientierungsbewegungen von knospen, blüten und früchten. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 396-417 illus. (Flora v.111/112)

Molisch, H.
Ueber den mikrochemischen nachweis und die verbreitung gelöster ozalate im pflanzenreiche. In Festschrift zum ziebzigsten gebutrstage von Ernst Stahl. Jena, 1918 p. 60-70 pl. ii (Flora v.111/112)

Moore, G. T.
Botanical participation in war work. Science 49: 269-274. Mr.21,1919. no.1264.

Moreau, F.
La biomorphogénèse chez les lichens. Bull. Soc. Mycol. France, 34: 84-85 illus. 15 juin 1918 (Mme F. Moreau, joint author) no.1/2.

Mousley, H.
The orchids of Hatley, Stanstead county, Quebec. Ottawa Nat. 32: 144-147. F.1919.

Murrill, W. A.
George Francis Atkinson Mycologia 11: 95-96 no.2. Mr.1919.

Neger, Franz W.
Die wahre natur der russtaupilze Naturwisssensch. 6: 30-32 Ja.1918

Neger, F. W.
Die wegsamkeit der laubblätter für gase. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918. p. 152-161. illus. (Flora v.111/112)

Nemec, A.
Ueber die verbreitung der urease in den getreidesamen. Biochem. Zeitschr. 91: 126-130 O.1918

Nicolas, G.
Un cas très curieux de réaction chez une orange, Bull. Soc. Hist. Nat. Afrique Nord 10: 32-34 illus. F.1919 no.2. (Probably due to wound)

Noack, K.
Untersuchungen über den anthocyanstoffwechsel auf grund der chemischen eigenschaften der anthocyangruppe. Zeitschr. Bot. 10: 561-628 no.10. 1918.

North Dakota Dept. of agriculture and labor
Barberry eradication and rust control. [Bismarck,1918] 4 p. 23.5cm.

Nowell, W.
Root rot or mal di gomma on limes. Agr. News 18: 62 F.22,1919.

Palmer, E. J.
Texas pteridophyta I Amer. Fern. Journ. 9: 17-22. no.1.

Patouillard, N.
Quelques champignons de Madagascar. Bull. Soc. Mycol. France, 34: 86-91. illus. 15 juin 1918 no.1/2

Penninsula horticultural society - Committee on fungus diseases
Report 1917 In Trans. Penin. Hort. Soc. 31: 64-69 1918. (By T. F. Manns)

Pennell, F. W.
Some remarks upon Limosella Torreya 19: 30-32. F.1919. no.2.

Pethybridge, G. H.
A disease of tomato and other plants caused by a new species of Phytophthora. Sci. Proc. Roy. Dublin Soc. n.s., 15: 487-505 pl. xlv-xlvii F.1919 no.35.
H.A. Lafferty joint author (Bibliography: p.503) (Phytophthora crytogea n. n.sp.)

Ramaley, F.
The rôle of sedges in some Colorado plant communities. Amer. Journ. Bot. 6: 120-130 illus. Mr.1919 (Literature cited: p. 130) (no.3)

Reinke, J.
Bemerkungen über mannigfaltigkeit und anpassungen. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 71-84 (Flora v.111/112)

Renner, O.
Weitere vererbungsstudien an Oenotheren. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 640-667 illus. (Flora v.111/112)
Bibliographical foot notes

Riss, M. M.
Die antherenhaare von Cyclanthera pedata (Schrad) und einiger anderer cucurbitaceen. In Festschrift zum siebzigsten geburtstage von Ernst Stahel. Jena, 1918 p. 541-559 illus. (Flora v.111/112) (Literaturverzeichnis: p.559)

Roark, R. C.
Plants used as insecticides (concl.) Amer. Journ. Pharm. 91: 91-107. no.2. F.1919.

Rojas Aacosta, N.
Addenda ad floram regionis Chaco Australis (pars secunda) Bull. Géogr. Bot. IV, 26: 155-165. O./D.1918 no.343/5

Romell, Lars-Gunnar
Eine neie anscheinend tagesautonomische periodizität. Svensk. Bot. Tidskr. 12: 446-463 1918 no.4. (Literaturverzeichnis: p. 463)

Rosen, H. H.
A preliminary note on a bacterial disease of foxtail. Science 49: 291. no.1264. Mr.21,1919.

Rowlee, W. W.
Synopsis of the genus Ochroma, with descriptions of new species. Journ. Wash. Acad. Sci. 9: 157-167. no.6. Mr.19,1919.

Sargent, C. S.
Notes on North American trees IV. Bot. Gaz. 67: 208-242. Mr.1919.

Schenck, H.
Verbänderungen und gabelungen zu wurzeln. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena,1918 p. 503-525. illus. (Flora v.111/112)
Bibliographical foot notes.

Scheppegrell, W.
Hay fever and the national flower. Science 49: 284-285. no.1264. Mr.21,1919.
List of Mr. Scheppergrell's articles on the subject in foot notes

Schilling, Ernst
Eigentümliche ausgestaltung der gefässbündelscheide bei Eleocharis plantaginea. Zeitschr. Bot. 10: 512-516. no.9. illus. 1918.

Schlechter, R. (concl.)
Die ericaceen von Deutsch-Neu-Guinea (concl.) In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 145-194. (no.2/3) illus. D.1918.

Schlechter, R.
Eine neue papuasische Burmanniacee. In Lauterbach, C. Beiträge zur flora von Papuasien VI. Bot. Jahrb. Engl. 55: 202-203. illus. D.1918. no.2/3.
Thismia appendiculata

Schmid, G.
Zur kenntnis der oscillarienbewegung. In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 327-379 (Flora v.111/112)
Literatur: p. 377-379

Schulz, O. E.
Die bisher bekannten cruciferen Papuasiens. In Lauterbach, C. Beiträge zur flora von Papuaisen VI Bot. Jahrb. Engl. 55: 266-272 illus. D.1918. no.2/3. (Nasturtium schlechteri, N. hybospermum, N. homalospermum, N. peckelii; Caramine papuana.)

Seelhorst, von
Neue versuche über den wasserbedarf verschiedener hafervarietäten. Journ. Landw. 66: 121-127. Je.1918.

Shufeldt, R. W.
February - and plant-life still sleeps in northern climes. Amer. For. 25: 868-875 no.302. illus. F.1919.

Small, J. K.
Ferns of Royal Palm Hammock... New York, 1918

Small, J. K.
Narrative of a cruise to Lake Okeechobee... Amer. Mus. Journ. 18: 684-700 illus. D.1918. no.8.

Small, J. K.
The prickly pears of Florida Journ. N. Y. Bot. Gard. 20: 21-39 3 pl. F.1919 no. 230.

Smith, E. F.
The cause of proliferation in Begonia phyllomaniaca. Proc. Nat. Acad. Sci. 5: 36-37. F.1919. no.2.

Stahel, G.
Ueber die inflorescenzen von Theobroma cacao Linn. und Theobroma bicolor Humb. und ihre umformung unter den einfluss des krüllotenschimmels (Marasmius perniciosus Stahel) Ann. Jard. Bot. Buitenz. II, 15: 95-114. (pt.2) pl. xiv-xx 1918.

Stoklasa, J.
Ueber den einfluss des aluminiumions auf die keimung desvsamens und die entwicklung der pflanzen. Biochem. Zeitsch. 91: 137-223. O.1918. no.3/4.

Tischler, G.
Untersuchungen über den anatomischen bau der staub- und fruchtblätter bei Lythrum salicaria mit beziehung auf das "illegitimitätsproblem". In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 162-193 illus., pl. iii (Flora v.111/112) (Zitierte literatur: p. 190-192)

Tanaka, T.
New Japanese fungi. Notes and translations VI. Mycologia 11: 80-86. Mr.1919.

Tedin, H.
Sjukdomar hos kålrötter under vinterförvaringen Sver. Utsädesför. Tidskr. 28: 279-283. no.6. 1918.

Transeau,E. N.
New Oedogoniaceae. Ohio Journ. Sci. 19: 240-243. illus. Feb.1919. no.4.
Hanford Tiffany, joint author (

Van Pelt, W.
Onion diseases found in Ohio. Methods of control worked out in experimental tests. Month. Bull. Ohio. Agr. Exp. Stat. 4: 70-76 no.3. illus. Mr.1919. (whole no. 39)

Vries, H. de
Phylogenstische und gruppenweise artbildung In Festschrift zum siebzigsten geburtstage von Ernst Stahl. Jena, 1918 p. 208-226 (Flora v.111/112)

Vuillemin, P.
Un nouvel Aspergillus brun, Eunctium vérruculosum. Bull. Soc. Mycol. France, 34: 76-83. illus. 15 juin 1918. no.1/2.

Vuillemin, P.
Sur les Mortierella des groupes polycephala et nigrescens. Bull. Soc. Mycol. France, 34: 41-46. no.1/2. illus. 15 juin 1918.

Waksman, S. A.
Studies on the protsolytic enzymes of soil fungi and Actinomycetes Journ. Bact. 3: 509-529 no.6. N.1918 [1919?]

Weir, J. R.
Concerning the introduction into the United States of extra-limital wood-destroying fungi. Mycologia 11: 58-65 Mr.1919. no.2. (Bibliographical foot notes)

Williams, Katharine A.
A botanical study of skunk cabbage, Symplocarpus foetidus Torreya 19: 21-29 no.2. pl. i-ii F.1919.

Wilmore, W. W.
The dahlia manual. 1916.

Wisselingh, C. van
Die zellmembran und die zellteilung von Closterium Nitzsch. Eine antwort auf die kritischen bemerkungen Lütkemüllers. Zeitschr. Bot. 10: 629-631. no.10. 1918.

Zeller, S. M.
Arcangeliella, Gymnomyces, and Macowanites in North America. Ann. Mo. Bot. Gard. 6: 49-59. illus. Feb. 1919. (no.1) Carroll W. Dodge, joint author

MEMORANDUM

CONCERNING THE ARRANGEMENT OF THE BI-WEEKLY LIST.

April 15, 1919.

In response to many requests, the references will hereafter be printed in the narrower form suitable for pasting on 3 by 5 cards.

We have been requested to arrange the references under the titles of the periodicals. Several advantages of this method of arrangement have been pointed out, one being that each list would show the scope of the journals indexed, another that this arrangement would result in a partial subject reclassification.

So far as practicable, we will be glad to make changes in the list which will make it more useful, but would like to be sure first that the change is generally desired.

WILL YOU THEREFORE PLEASE INDICATE YOUR PREFERENCE IN THE FORM BELOW, SIGN AND RETURN THIS TO THE LIBRARIAN, BUREAU OF PLANT INDUSTRY.

I would prefer)
) to have the references in the lists arranged
I would not prefer) under the titles of the periodicals.

Signed_____

Bureau of Plant Industry Library.
Current Author entries, 1919, No. 5.
(Indexed April 1-12, 1919).

American phytopathological society
Report of the 10th annual meeting... Dec.23-28, 1918. Phytopath. 9: 183-187. 1919. no.4.

Arnaud, G.
Maladies nouvelles ou peu connues en France
Ann. Serv. Epiph. 4: 49-70 illus. 1917.
Bibliographie: p. 67-70.

Barker, E. E.
Variability in the radish. Journ. Hered. 9: 357-361. illus. D.1918 [1919]
R. H. Cohen joint author

Berg, Anthony
A simple method of distinguishing nematode galls of wheat from bunted kernels. Phytopath. 9: 181-182. illus. Ap.1919.

Blanchard, E.
Recherches relatives à la maladie de l'enroulement de la pomme de terre effectuées dans le department de la Loire. Ann. Serv. Epiph. 5: 245-252 pl. 1918
E. Perrot joint author

Blatter, E.
The flora of the Indian desert (Jodhpur and Jaisalmer) Journ. Bombay Nat. Hist. Soc. 26: 218-246 pl. i-xii D.1918 no.1. (F. Hallberg joint author)

Blatter, E.
Oleander poisoning camels. Journ. Bombay Nat. Hist. Soc. 26: 306-308 D.1918
Some account of the wild and cultivated oleander considers that Nerium odorum is a distinct species give account of general poisonous qualities of oleander.

Blatter, E.
A revision of the Indian species of Rotala and Ammaniia II. Journ. Bombay Nat. Hist. Soc. 26: 210-217. D.1918. no.1.

Bose, Sir J. C.
Researches on growth and movement in plants by means of the high magnification crescograph. Proc. Roy. Soc. Ser. B, 90: 364-400 illus. F.1919 no.631.
Guruprasanna Das joint author

Bourquelot, E.
Application de la méthode biochimique à l'etude des feuilles d'Hakea laruina. Extraction d'un glucoside (arbutine) et de quebrachite. Compt. Rend. Acad. Sci. Paris 158: 414-417. F.1919. no. 8.
H. Hérissey joint author

Breakwell, E.
Popular descriptions of grasses (cont.) Agr. Gaz. N.S.W. 30: 80-86 illus. F.1919. no.2.
The native panic grasses

Brewster, J. F.
Determination of the distribution of nitrogen in certain seeds. Journ. Biol. Chem. 37: 367-371
C. L. Alsberg joint author

Brooks, C.
Apple-scald. Journ. Agr. Res. v.16, no.8. p.195-217. F.24,1919.
J. S. Cooley, D. F. Fisher joint authors

Brooks, C.
The control of apple scald. Rep. Virginia Hort. Soc. 23(Virginia Fruit v.7, no.2): 47-52 Mr.1919

Brotherston, R. P.
About tomatoes. Garden 83: 86. F.22,1919. no.2466.

Brotherus, V. F.
Contributions à la flore bryologique de l'Argentine. Ark. Bot. v.15,no.6 15 p. 1917.

Brotherus, V. F.
Moseniella, un nouveau genre des mousses du Brésil. Ark. Bot. v.15,no.7 3 p. pl. 1917.

Buchs, M.
Bemerkungen zu neuen funden schlesischer pilze II. Hedwigia 58: 332-341. F.1917 no.5/6.
No. I by Dittrich

Bubak, F.
Ein beitrag zur pilzflora von Galizien und Russland. Hedwigia 57: 329-343 no.8. Ap.1916.

Castella, F. de
Copper fungicides for vine diseases. Journ. Dept. Agr. Victoria 17: 104-112. F.1919. pt.2.

Byars, L. P.
The eelworm disease of wheat and its control. Farmers' Bull. 1041. 10 p. illus. Mr.1919.

Capus, Joseph A.
Expériences sur la valeur comparée contre le mildiou de la vigne des bouillies cupriques basiques et des bouillies acides. Ann. Serv. Epiph. 5: 201-209 1918.

Capus, J. A.
Invasion des cultures de pois en Gironde par Heterodera schachti Schmidt. Ann. Serv. Epiph. 5: 239-244 1918

Capus, J. A.
Recherches sur les invasions du mildiou de la mildiou de la vigne en 1915 Ann. Serv. Epiph. 4: 162-217. diagrs. 1917.

Capus, J. A.
Sur les invasions du mildiou dans le sud-ouest en 1916 Ann. Serv. Epiph. 5: 193-200 1918

Church, A. H.
Baxter's British phaenogamous botany. Journ. Bot. 57: 58-63 Mr.1919(Bibliographical notes LXXIV) no.675

Cockayne, A. H.
Foxglove and its control. New Zeal. Journ. Agr. 18: 28-29 Ja.1919. no.1.

Cockayne, L.
An economic investigation of the montane tussock-grassland of New Zealand. New Zeal. Journ. Agr. 18: 1-9. Ja.1919.

Cockerell, T. D. A.
The varieties of Helianthus tuberosus. Amer. Nat. 53: 188-192. illus. Mr./Ap.1919. no.625

A cross between a raspberry and a dewberry Journ. Hered. p. 342 illus. D.1918 [1919] no.8.
Rubus strigosus x R. rubiesetus

Dowell, C. T.
Cyanogenesis in Androgpogon sorghum. Journ. Agr. Res. v.16, no.7 p. 175-181. F.17, 1919.
Literature cited: p. 181.

Edouard Prillieux. Ann. Serv. Epiph. 4: 1-16. port. 1917.
Liste systématique des publications: p. 7-16

Ensign, M. R.
A straining method for vascular tissue. Phytopath. 9: 180 Ap.1919.

Ensign, M. R.
Sweet potato mosaic. Phytopath. 9: 180-181. Ap.1919. no.4.

Eriksson, J.
Etudes biologiques et systematiques sur les Gymnosporangium suédois. Compt. Rend. Acad. Sci. Paris 168: 470-473 Mr.1919 no.9
Gymnosporangium clavariaeforme, G. tremelloides

Eriksson, J.
Ueber den ursprung des primären ausbruches der krautfäule, Phytophthora infestans (Mont.) de By. auf dem kartoffelfelde. Ark. Bot. v.14, no.20 72 p. illus., 6 double pl. S.13,1916 pt.4
Litteraturverzeichnis: p. 66-69

Farquharson, C. O.
Report of plant pathologist Ann. Rep. Agr. Dept. So. Prov. Nigeria 1917 p. 14-16.

France, Ministère de l'agriculture - Service des épiphyties
Missions relatives à l'étude des ennemis et maladies des plantes allouées en 1914-17 par la direction des Service sanitaires et scientifiques Ann. Serv. Epiph. 4: 349-350. 1917; 5: 268-272 1918

Fairchild, D.
The testing of a new tree crop for hardiness. Journ. Hered. 9: 368-371. illus. D.1918 [1919] no.8.

Fawcett, W.
Notes on Jam aica plants (cont.) Journ. Bot. 57: 65-68 Mr.1919. no.675. (Euphorbiaceae)
A. B. Rendle joint author

Ferdinandsen, C. C. F.
Undersøgelser over danske ukrudsformationer paa mineraljorder. Tidsskr. Planteavl. 25: 629-760 1918. no.4. (Litteratur: p. 759-760)

Fischer, E.
Der speziesbegriff und die frage des spezies-entstehung bei den parasitischen pilzen. Genève, 1917. 21 p. (Separatabdruck a.d. Verh. Schweiz. Naturf. Ges. 98. Jahresvers. 1916 II. teil.)
Literaturverzeichnis: p. 17-21.

France. Ministère de l'agriculture - Service des épiphyties
Rapport phytopathologique pour l'année 1915- 17 Ann. Serv. Epiph. 4: 21-44. 1917; 5: 1-35. 1918
By P. Marchal & G. Arnaud.

France. Station de pathologie végétale de Cadillac (Gironde)
Rapport 1915-17. Ann. Serv. Epiph. 4: 347-349 1917; 5: 265-268 1918 (By J. Capus)

France Station de pathologie végétale de Paris
Rapport 1915-17 Ann. Serv. Epiph. 4: 344-345. 1917; 5: 257-259 1918 (By G. Arnaud)

Fromme, F.D.
Angular-leafspot of tobacco, an undescribed bacterial disease. Journ. Agr. Res. v.16,no.8, p. 219-228 pl. 25-27 F.24,1919. (Literature cited: p. 227-228) (T. J. Murray a joint author)
Bacterium angulatum n.sp.

Fromme, F. D.
Cedar rust. Rep. Virginia State Hort. Soc. 23 (Virginia fruit v.7, no.2): 106-114 Mr.1919.

Fron, G.
Le "gale noire" ou "maladie verruqueuse" de la pomme de terse Ann. Serv. Epiph. 4: 45-48 col.pl. 1917
Bibliographie: p. 48

Gager, C. S.
A laboratory guide for general botany 2d ed. 1919 206 p. L.C.

Girard,
Le mildiou Vie Agr. 7: 317-319 illus. 1917

Grebe, C.
Studien zur biologie und geographie der laubmoose. Hedwigia 59: 1-32, 33-128, 129-208 1917. no.1-4.

Griffiths, D.
Decorative materials in the prickly pears and their allies. Journ. Intern. Gard. Club 3: 5-19 illus. col. pl. Mr.1919 no.1.

Hieronymus, G.
Selaginellarum species novae ... V. Selaginellae insularum Antillarum, Bahama et aliarum ad costam reipublicae Venezuelae sitarum Hedwigia 58: 283-328 F.1917 no.5/6

Hieronymus, G.
Ueber die gattung Coniogramme Fée und ihre arten (concl.) Hedwigia 57: 273-328 no.6. Ap.1916.

Höfler, K.
Permeabilitätsbestimmung nach der plasmometrischen methode. Ber. Deut. Bot. Ges. 36: 414-442. N.1918 no.7 (Bibliographical foot notes)

Höhnel, F. von
Fungi imperfecti. Beiträge zur kenntnis derselben Hedwigia 59: 235-284 no.5. O.1917.

Holmes, E. M.
Perfumery plant cultivation in Italy. Perf. & Ess. Oil Rec. v.10, no.2 p. 33-35 F.1919

Howard, A.
Report of the imperial economic botanists, 1917/18 Sci. Rep. Agr. Res. Inst. Pusa 1917/18 p. 35-69 1918 (Gabrielle Howard joint author)

Howe, M. A.
Dahlias and their culture. Journ. Hort. Soc. N. Y. 2: 235-301. illus., pl. 45 no.20 F.1919.

Ichimura, T.
On the localisation of anthocyanin in the spring leaves of some trees and shrubs in the temperate regions of Japan. Bot. Mag. Tokyo 33: 12-15. no.385 Ja.1919.

Ikeno, S.
On hybridisation of some species of Salix. Journ. Gen. 8: 33-58 pl. i D.1918 no.1

Jacob, J.
C. G. van Tubergen (died January 25,1919 aged 74 years) Garden 83: 87 no.2466. F.22,1919.

Jacob, J.
Orange thyme. Garden 83: 111. no.2467. Mr.8,1919.

Jones, L. R.
Our, journal, Phytopathology Phytopath. 9: 159-164. no.4. Ap.1919

Killermann, S.
Neuer fund von Sarcosoma globosum (Schmidel) Rehm bei Regensburg. Hedwigia 59: 313-318 no.6. illus. F.1918.

Killermann, S.
Pilze aus den polischen schützengraben. Hedwigia 59: 220-233. illus. O.1917. no.5. (Literatur: p.221)

Killermann, S.
Ueber einige seltene pezizaceen aus Bayern. Hedwigia 59: 234-235. no.5. O.1917.

Latière, H.
La lutte contre les maladies des plantes en Italie. Ann. Serv. Epiph. 4: 76-144 1917.

Lee, H. A.
Plant pathology in Japan. Phytopath. 9: 178-179. no.8. Ap.1919.

Loew, O.
Ueber die bedeutung des kalks für die ernährung der pflanzen, tiere und menschen. Naturw. Zeitschr. Forst- und. Landw. 16: 309-336 no.9/10. S./O.1918.

Lurie, A.
Curiosities of plant life. Journ. Intern. Gard. Club 3: 164-177 illus. no.1. Mr.1919
G. H. Pring joint author

Lynge, B.
Ueber einige Regnellschen parmelien aus Matto-Grosso, Brasilien. Ark. Bot. v.15,no.1 4 p. 1917.

MacCaughey, V.
History of botanical exploration in Hawaii(concl.) Hawaiian For. & Agr. 16: 49-54 F.1919. no.2.
Bibliography: p. 52-54

McClelland, T. B.
Influence of foreign pollen on the development of vanilla fruits. Journ. Agr. Res. v.16, no.9. p.245-251. pl. 31-35 Mr.3,1919.

McHargue, J.S.
Effect of certain compounds of Barium and strontium on the growth of plants. Journ. Agr. Res. v.16, no.7 p.183-194 pl.24 F.17,1919.

Mangin, L.
Sur la succession des feuilles pendant la végétation de la betterave et les traitements par les arséniates Ann. Serv. Epiph. 4: 71-75 illus. 1917.

Meyer, F. J.
Der generationswechsel als wechsel verschiedener morphoden. Ber. Deut. Bot. Ges. 36: 381-384 no.7 N.1918.

Miége, E.
La désinfection du sol. Ann. Serv. Epiph. 5: 83-144 illus. 1918 (Bibliographical foot notes)

Miyazawa, B.
Studies of inheritance in the Japanese Convolvulus. Journ. Gen. 8: 59-82 col. pl. ii no.1 D.1918.

Molliard, M.
Production d'acide citrique par le Sterigmatocystis nigra. Compt. Rend. Acad. Sci. Paris 168: 360-363 no.7. F.1919.

Nakai, T.
Notulae ad plantas Japoniae et Coreae XIX Bot. Mag. Tokyo 33: 1-11 no.385 Ja.1919.

Paillet, A.
Observations et expériences sur les champignons parasites des insectes Ann. Serv. Epiph. 4: 329-334. 1917.

Palm, Bjorn,
Svenska taphrinaarter. Ark. Bot. v.15,no.4 41 p. illus. May 21, 1917 (Litteraturförteckning: p.40-41)

Rhoads, A. S.
The biology of Polyporus pargamenus Fries. Techn. Publ. N. Y. State Coll. For. no.11 197 p. illus., xxi pl. 1918 (Literature cited: p. 194-197)

Petri, L.
Nuove vedute sulle cause dell'arricciamento della vite. Rend. R. Accad. Lincei V, Cl. Sci. Fis., Mat. e Nat. 27 (2): 271-275. illus. N.1918. no.9/10.

Plant breeders find new tobacco hybrid. Journ. Hered. 9: 354-356 illus. D.1918 [1919] no.8
Montgomery seedleaf

Power, F. B.
The distribution and characters of some of the odorous principles of plants Journ. Ind. & Engin. Chem. 11: 344-352 Ap.1919 no.4.

Praeger, R.L.
Notes on Sedum III. Journ. Bot. 57: 48-58 Mr.1919 no.675

Pridham, J. T.
Take-all, the wheat-growers' worst enemy. Agr. Gaz. N. S. W. 30: 77-79 F.1919.

Punnett, R. C.
Notes on the origin of a mutation in the sweet pea Journ. Genetics 8: 27-31. illus. no.1 D.1918

Rangachari, K.
Note on a new undescribed species of Cynodon Journ. Bombay Nat. Hist. Soc. 26: 304-305 pl. D.1918 no.1 (Cynondon intermedius) (C. Tadulingam joint author)

Reichert, I.
Stephanoma strigosum Wallr. auf Lachnea gregaria Rehm. Hedwigia 58: 329-331. illus. F.1917. no.5/6

Reinking, O. A.
Philippine economic-plant diseases (concl.) Philippine Journ. Sci. A, 13: 217-274 illus., pl. i-xxii S.1918 no.5.

Roberts, H. F.
An early paper on maize crosses. Amer. Nat. 53: 97-108. illus. Mr./Ap.1919. no.625.
Literature cited: p. 108.

Robinson, T. R.
The tangelo. Proc. Florida State Hort. Soc. 31: 52-55. 1918.

Rock, J. F.
One government forest. Reserve lands at Kulanu, Hawaii, described. Hawaiian For. & Agr. 16: 39-40 3 pl. F.1919. no.2.

Röll, J.
Meine erinnerung an Nils Conrad Kindberg. Hedwigia 57: 344-354 no.6. Ap.1916

Rydberg, Per Axel
A genus of plants intermediate between Petalostemon and Parosela. Journ. N. Y. Bot. Gard. 20: 64-66. Mr.1919. no.231. (Thornbera albiflora)

St. Vincent. Dept. of agriculture.
Work connected with insect and fungus diseases and their control In its Report 1917/18 p. 12-14. 1918.

Sanders, J. G.
The discovery of European potato wart disease in Pennsylvania. Journ. Econ. Entom. 12: 86-90 pl. 3 F.1919.

Saunders, J.
The mycetozoa of Bedfordshire. Journ. Bot. 57: 63-65 Mr.1919. no.675

Schneider, C. K.
Weitere beiträge zur kenntnis der chinesischen arten der gattung Berberis (Euberberis) (concl.) Oesterr. Bot. Zeitschr. 57: 284-300. no.8/9 Ag./S.1918.

Schulz, A.
Ueber das vorkommen von halophyten in Mitteldeutschland auf kochsalzfreiem boden. Ber. Deut. Bot. Ges. 36: 410-413 N.1918. no.7. (Bibliographical footnotes)

Scott, L. B.
Avocado varieties for Florida. Proc. Florida State Hort. Soc. 31: 40-46 1918

Scoville, W. L.
Scammony and its substitutes. Journ. Ind. & Engin. Chem. 11: 335-336. Ap.1919. no.4.

Sedgwick, L. J.
The Cyperaceae of the Bombay presidency II. Journ. Bombay Nat. Hist. Soc. 26: 192-209 no.1. D.1918.

Shear, C. L.
First decade of the American phytopathological society Phytopath. 9: 165-170. no.4. Ap.1919.

Shamel, A. D.
Bud variation in dahlias. Journ. Hered. 9: 362-364. no.8. illus. D.1918 [1919]

Shufeldt, R. W.
Various parasitic plants; with an owl story Amer. Fer. 25: 937-941. illus. Mr.1919. no.303.

Sherbakoff, C. D.
About truck and truck diseases. Florida Grow. v.19, no.13, p.6, 13, no.14, p.8. Mr.29,Ap.5,1919.

Sierp, H.
Ein beitrag zur kenntnis des einflusses des lichts auf das wachstum der koleoptile von Avena sativa. Zeitschr. Bot. 10: 641-729 no.11. 1918.

Smith, Loren B.
Spinach blight and its transmission by insects Rep. State Entom. & Plant Path. Virginia 11(1916/17): 40-58 illus. 1918

Spragg, F. A.
Rosen rye, heavy yielding variety brought by Russian student. Journ. Hered. 9: 375-379 illus. D.1918 [1919] no.8. (J. W. Nicholson joint author)

Spray schedule. Trans. Ind. Hort. Soc. 1917. p. 384-391. illus. 1918. (The illus. show blossom clusters at various stages when they should be sprayed for scab, for codling moth &c.

Stevens, H. E.
Avocado diseases. Proc. Florida State Hort. Soc. 31: 67-73. 1918.

Stevens, N. E.
Keeping quality of strawberries in relation to their temperature when picked. Phytopath. 9: 171-177. Ap.1919. no.4. (Literature cited: p. 177)

Stevenson, J. A.
A check list of Porto Rican fungi and a host index. Journ. Dept. Agr. Porto Rico 2: 125-264. Jy.1918. (Literature cited: p. 250-258.)

Stomps, T. J.
Sprossbecher von Oenothera. Ber. Deut. Bot. Ges. 36: 384-390 pl. xiii-xiv. no.7. N.1918.

Stoward, F.
Annual report of the botanist and plant pathologist 1915/16 Ann. Rep. W. Austr. Dept. Agr. 1915/16. p.12-13. 1916.

Tisdale, W. H.
Physoderma disease of corn. Journ. Agr. Res. v.16, no.5 p. 137-154 pl.4-17. F.3,1919.
Literature cited: p. 154

Transeau, E. N.
Hybrids among species of Spirogyra. Amer. Nat. 53: 109-119 illus. Mr./Ap.1919. no.625
Literature cited: p. 119

Tubeuf, C. von
Mistel-drossel Naturw. Zeitschr. Forst. u. Landw. 16: 289-309 S./O.1918 no.9/10

Vierhapper, F.
Was ist Trifolium pilczii Adamovic? Oesterr. Bot. Zeitschr. 67: 252-264 illus. no.8/9. Ag./S.1918.

Wernham, H. F.
The genus Manettia (concl.) Journ. Bot. 57: suppl. p. 33-44 Mr.1919. no.675.

"White rose"
A review of yellow roses. Gard. Chron. III, 65: 81, 92-93. no.1678. F.22, Mr.1,1919.

Wigman, H. J. jr.
Arachnis Teysmannia 29: 633-637 pl.1918. no.12.

Wigman, H. J. jr.
Xanthorrhoea (grasboom) Teysmannia 29: 638-642. pl. 1918. no.12.

Wilcox, R. B.
Cranberry disease investigations in New Jersey during 1918 Proc. Am. Cranberry Grow. Assoc. 49 (50?): 15-21. 1919.

Williamson, J.
Las malezas de los trigales de la pampa. Buenos Aires, 1918. no.79.
22 p. illus. 22.5cm. ([Argentine Republic] Ministerio de agricultura. Direccion general de ensenanza e investigaciones agricolas. Año 1918, n.° 79)

A few rare and old books lately added to the Library.

Brunfels, Otto Herbarum viva eicones ad naturae imitationem ... [1530]

Dubois, L. F.
Des melons et de leurs variétés. 1810.

Hill, Jon
Exotic botany. 1772.

Miller, Philip
Groot en algemeen kruidkundig, hoveniers, en bloemisten woordenboek 1742-44.

Nederlandsch bloemwerk... 1794.

Reid, John
The Scots gardener... 1766.

Serrurier, J. F.
Fruitkundig woordenboek. 1805-06.

Vigier, J.
Historia das plantas da Europa. 1718.

Bureau of Plant Industry Library
Current Author entries, 1919, No. 6.
(Indexed Apr. 14-26, 1919).

The list will hereafter be arranged under the names of the periodicals, as requested by the majority of those who responded to the memorandum attached to the last list.

Address requests for periodicals to Periodical Desk, B.P.I. Library, not to Main Library.

Addisonia.

Boynton, K. R.
Sedum spectabile Addisonia 4: 3 col. pl. Mr.1919.

Nash, G. V.
Celastrus articulatus Addisonia 4: 9-10 col. pl. Mr.1919. no.1

Nash. G. V.
Crataegus succulenta Addisonia 4: 5-6 col. pl. Mr.1919.

Nash, G. V.
Forsythia fortunei Addisonia 4: 17-18 col. pl. Mr.1919

Pennell, F. W.
Penstemon digitalis. Addisonia 4: 19-20 col. pl. Mr.1919.

Small, J. K.
Chamaecrista deeringiana Addisonia 4: 1-2 col. pl. Mr.1919.

Small, J. K.
Ipomoca tenuissima Addisonia 4: 15-16 col. pl. Mr.1919.

Small, J. K.
Limodorum simpsonii Addisonia 4: 7-8 col. pl. Mr.1919

Small, J. K.
Mentzelia floridana Addisonia 4: 13-14 col. pl. Mr.1919.

Small, J. K.
Okenia hypogaea Addisonia 4: 11-12. col. pl. Mr.1919.

Bienn. Rep. State For. Calif.

Homans, G. M.
Forest distribution in California. Bienn. Rep. State For. Calif. 7: 58-85. plates 1918

Bot. mag. Tokyo

Kihara, H.
Ueber cytologische studien be einigen getreide-arten. Mitteilungen I. Bot. Mag. Tokyo 33: 17-38. illus. F.1919. no.386. (Literatur-verzeichnis: p. 38) (I. Spezies-bastarde des weizens und weizenroggen bastard)

Bull. Phillippine Bur. For.

Brown, W. H.
Philippine bamboos. Bull. Philippine Bur. For. 15. 32 p. xxxiii pl. 1918. (A.E.Fischer joint author)

Brown,W.H.
Philippine forest products as sources of paper pulp. Bull. Philippine Bur. For. no. 16 13 p. 1918.
A. E. Fischer joint author

Bull. sci. France et Belg.

Maire, R.
Sur une nouvelle laboulbéniale parasite des Scaphidiidae. Bull. Sci. France et Belg. VII, 49: 290-296. Ap.1916.

Compt. Rend. Acad. Sci. Paris.

Guérin, P.
L'Urera humboldtii H. Baillon et ses affinités
Compt. Rend. Acad. Sci. Paris 168: 517-518 Mr.1919. no.10.

Coupin, H.
Sur le pouvoir absorbant du sommet des racines
Compt. Rend. Acad. Sci. Paris 168: 519-522 Mr.1919.

Rivière, G.
L'Amygdalopersica formonti Compt.Rend. Acad. Sci. Paris 168: 525 Mr.1919 no.10.
G. Bailhache, joint author

Chifflot, J.
Sur les canaux sécréteurs de quelques gesnéracées et en particulier de ceux de Monophyllaea horsfieldii R.Br. Compt. Rend. Acad. Sci. Paris 168: 525-527 Mr.1919. no.10.

Mirande, M.
Sur la formation cytologique de l'amidon et de l'huile dans l'oogone des Chara. Compt. Rend. Acad. Sci. Paris 168: 528-529 illus. Mr.1919. no.10.

Curt. Bot. Mag. IV, 15 1919

Rhododendron auriculatum	pl. 8786
Isabella virginalis	pl. 8787
Ipomoea dasyspera	pl. 8788
Rhododendron callimorphum	pl. 8789
Aloe concinna	pl. 8790
Primula chamophila	pl. 8791
Bulbophyllum robustum	pl. 8792
Protea longifolia	pl. 8793
Govenia lagenophora	pl. 8794
Deutzia compacta	pl. 8795
Primula tibetica	pl. 8796

Compt. Rend. Soc. Biol. Paris

Coupin, H.
Sur la conservation en préparations microscopiques des moisissures et des péronosporées Compt. Rend. Soc. Biol. Paris 82: 209-210. no.5 Mr.1919.

Florida Grower

Sherbakoff, C. D.
About truck and truck diseases (cont.) Florida Grow. v.19, no.15, pl 8 no.16, p.6. Ap.1919.

Garden

Bowles, E. A.
Varieties of Crocus chrysanthus. Garden 83: 117 illus. Mr.15,1919. no.2469

Jacob, J.
"Pritzel" a florist's plea to the powers that be" Garden 83: 118-119. Mr.15,1919. no.2469

Dykes, W. R.
Iris risenbachiana Garden 83: 132, no.2470. Mr.22.1919.

Gard. Chron.

Dykes, W. R.
Spring-flowering crocus species. Gard. Chron. III, 65: 120 illus. Mr.15,1919. no.1681.

Dummer, R.A.
The vegetation of the crater and summit of Mount Elgon. Gard. Chron. III, 65: 123, 137-138. no.1682. Mr.15-22,1919.

Bean, W. J.
The two tulip trees. Gard. Chron. III, 65: 128. illus. Mr.15,1919. no.1681 (Liriodendron tulipifera & chinense.

Ward, F. K.
Flowers of the desert. Gard. Chron. III, 65: 133-

Georgia Agr. Exp. Sta.
Higgins, Bascombe B.
Gum formation with special reference to cankers and decays of woody plants. Ga. Agr. Exp. Stat. Bull. 127: 23-59. illus. Ja.1919.

Gt. Brit. Bd. Agr.
The cultivation, composition and diseases of the potato. London, 1919. (iv, 115 p. illus., plates (1 col.) 24.5cm. (Supplement no. 18 to the Journal of the Board of agriculture, March 1919)
Articles by A. D. Cotton, F. T. Brooks & J. Snell.

Hacienda
Cunliffe, R. S.
El cultivo de los citrus Hacienda 14: 195-203, illus. Ap.1919. no.7.

Hedwigia
Boedyn, K.
Mykologische mitteilungen. Serie I. Ascomyceten. Hedwigia 59: 307-312. pl. ii F.1918. no.6.
C. van Overeem joint author
1. Ueber das vorkommen von carotinkristallen in zwei neuen pezizaarten. (Humaria carota n. sp., Ascophanus fimicola n. sp.)

Ind. For.
Fischer, C. E. C.
Ximenia americana Linn. - a little known species Ind. For. 44: 263-265 Je.1918 no.8.

Hole, R. S.
Spike disease of sandal. Ind.For. 44: 325-324. 2 pl. Jy.1918. no.7.

Venkatarama Ayyar, K.R.
Is spike disease of sandal (Santalum album) due to an unbalanced circulation of sap? Ind. For. 44: 316-324 pl. Jy.1918 no.7.

Journ. Amer. Soc. Agron.
Tottingham, W. E.
A preliminary study of the influence of chlorides on the growth of certain agricultural plants. Journ. Amer. Soc. Agron. 11: 1-32 Ja.1919.
Literature cited: p. 28-32

Journ. Bd. Agr. Gt. Brit.
Mercer, W. B.
Smut diseases of barley and of oats. Journ. Bd. Agr. Gt. Brit. 25: 1486-1493 pl. Mr.1919.
S.P.Mercer, joint author

Journ. For.
Weir, J. R.
The influence of thinning on western hemlock and grand fir infected with Echinodontium tinctorum. Journ. For. 17: 21-35. Ja.1919. no. 1
E. E. Hubert joint author (Reprinted)

Journ. Gen. Phys.
Irwin, M.
Increased production of carbon dioxide accompanied by descrease of acidity. Journ. Gen. Phys. 1: 399-403. Mr.1919(Comparative studies on respiration VI)

Osterhout, W. J. V.
Descrease of permeability and antagonistic effects caused by bile salts. Journ. Gen. Phys. 1: 405-408 Mr.1919. no.4.

Osterhout, W. J. V.
A comparison of permeability in plant and animal cells. Journ. Gen. Phys. 1: 409-413. Mr.1919. no.4.

Medd. Stat. Skogsförsökanst.

Sylvén, N.
1917 års knäckesjuka i norra Västergötland. Medd. Stat. Skogsförsökanst. 1918 p. 192-204 (also in Skogsv. För Tidskr. 16: 308-315. 1918.

Meded. Inst. Plantenz. en Cultuurt. Buitenz.

Helten, W. M. van
Gids voor de bezoekers van den cultuurtuin Meded. Inst. Plantenz. en Cultuurt. Buitenz. no.11 143 p. 1918.

Rep. Mich. Acad. Sci.

Beach, W. S.
The Fusarium wilt of China aster Reprinted from Rep. Mich. Acad. Sci. 20: 282-308. pl. xviii-xxi. 1918.
Bibliography: p. 306-307

Darlington, H.
Weed immigration into Michigan. Reprint from Rep. Mich. Acad. Sci. 20(1918): 261-267

Missouri Bot. Gard. Bull.

Early collections in the garden herbarium Missouri Bot. Gard. Bull. 7: 29-35 no.3. pl.8-11 Mr.1919.

Naturw. wochenschr.

Kühn, Othmar
Die ruheperiode der holzgewachse Naturw. Wochenschr. n.f., 17: 6-7 Ja.6,1918
Bibliographical foot notes

Daiber, Th
Biologische beobachtungen in der umgebung von Göppingen (Württemberg) 1.Ueppige epiphytenflora auf kopfweiden. Naturw. Wochenschr. n.f. 17: 56-57 Ja.27,1918. no.4.

Miehe, H.
Ueber selbsterhitzung und thermophile mikroorganismen. Naturw. Wochenschr. n.f., 18: 73-78 no.6. F.9,1919.

Weber, F.
Die permeabilität der pflanzenzellen. Naturw. Wochenschr. n.f., 17: 89-95 F.17,1918 no.7
Literatur: p. 95

Nienburg, W.
Neue wege der phylogenetischen pflanzenanatomie Naturw. Wochenschr. n.f., 17: 105-112 no.8. illus. F.24,1918.

Fischer, H.
Weiteres von gabeligen leinkraut, Silene dichotoma Ehrhart Naturw. Wochenschr. n.f., 17: 140-141. Mr.10,1918. no.10

Fischer, H.
Zur phylogenie des blattgrünfarbstoffes. Naturw. Wochenschr. n.f., 17: 161-164. Mr.24,1918. no.12.

Neger, F. W.
Resupination bei dorsiventralen und isolateralen pflanzenorganen Naturw. Wochensch. n.f., 17: 182-186. illus. Mr.13,1918. no.13.

Küster, E.
Ueber aufgaben und ergebnisse der entwicklungsmechanik der pflanzen. Naturw. Wochenschr. n. f. 17: 193-200 Apr.7,1918. no.14
Bibliographical foot notes

Brussoff, A.
Ueber die sogenannte fragmentation der actinomyceten-hyphen. Naturw. Wochenschr. n.f., 17: 249-252 My.5,1918. no.18. (Literatur: p. 252)

Naturw. Wochenschr. (cont.)

Neger, F. W.
Die traumanastie des Geranium robertianum
Naturw. Wochenschr. n.f., 17: 314-315. Je.2,1918
no.22.

Heller, H.
Das chlorophyll. Naturw. Wochenschr. n.f., 17:
545-548 no.39. S.22,1918.

Thellung, A.
Neuere wege und ziele der botanischen systematik
erläutert am beispiele unserer getreidearten
Naturw. Wochenschr. n.f., 17: 449-458, 465-474.
Ag.11, 18, 1918. no.32,33. (Bibliographical foot notes)

New Zealand Journ. Agr.

Taylor, W. H.
Silver-leaf disease in fruit-trees. New Zeal. Journ.
Agr. 18: 86-89 F.1919.

Ohio Journ. Sci.

Schaffner, J.H.
Additions to the catalog of Ohio vascular plants
for 1918. Ohio Journ. Sci. 19: 293-298 Mr.1919.no.5.

Griggs, R. F.
Asclepiadora viridis in Ohio Ohio Journ.Sci.
19: 299 Mr.1919. no.5.

Oklahoma agr. exp. stat.

Dowell, C. T.
A study of cyanogenesis in Sorghum vulgare (tech-
nical) Oklahoma Agr. Exp. Stat. Bull. 122 8 p.
Mr.1919. (Literature cited: p. 8)

Parfum. Mod.

Nos ressources végétales odorantes. Parfum. Mod.
12: 39-40. no.2. F.1919.

Fisch, P.
Le pérille et son essence Parfum. Mod. 12: 20.
illus. F.1919. no.2. (J. Gattefossé joint author)

Yang-Tseu-Kia
Le pérille on extrême-orient. Parfum. Mod. 12:
20-21. F.1919. no.2.

Meunissier, A. A.
Le pérille de Nankin Parfum. Mod. 12: 21.
illus. F.1919 no.2.

Penn. agr. exp. stat.

Orton, C. R.
The potato wart disease, A new and serious dis-
ease recently discovered in Pennsylvania. Penn.
Agr. Exp. Stat. Bull. 156 16 p. illus. Mr.1919
F. D. Kern joint author (Bibliographical foot
notes) (Contr.Dept.Bot.Penn.State Coll. no.13)

Philippine Journ. Sci.

Swingle, W. T.
Merrillia, a new rutaceous genus of the tribe
citreae from the Malay peninsula. Philippine Journ.
Sci. C, Bot.13: 335-343. pl. v-vi N.1918 no.6.
(F.1919) (Merrillia caloxylon)

Brown, W. H.
The theory of limiting factors Philippine
Journ. Sci. C, Bot. 13: 345-351 N.1918 (F.1919)
no.6.

Brown, W. H.
Alternate shrinkage and elongation of growing
stems of Cestrum nocturnum. Philippine Journ. Sci.
C, Bot. 13: 353-360 N.1918 (F.1919) no.6.
S.F.Trelease joint author(Bibliographical foot notes

Philippine Journ. Sci.
Yates, H.S.
Some recently collected Philippine fungi II
Philippine Journ. Sci. C, Bot.,13: 361-384 N.1918
(F.1919) no.6

Phytopath. lab. "Willie Commelin Scholten"
Phytopathologisch laboratorium "Willie Commelin
Scholten"
Jaarverslag, 1916-17 Amsterdam, 1917-18
Johanna Westerdijk, director

Proc. Amer. Soc. Hort. Sci.
Ballard, W.R.
Notes on geranium breeding. Proc. Amer. Soc.
Hort. Sci. 15 (1918): 62-65 F.1919
Disease resistance: p. 63-64

Proc. Fla. State Hort. Soc.
Kime, C.D.
Scaly bark, a disease of citrus trees Proc.
Florida State Hort. Soc. 31: 86-89 1916
Cladosporium herbarum var. citricolum

Proc. Soc. Exp. Biol. & Med.
Levin, I.
Malignancy of the crown gall and its analogy
to animal cancer. Proc. Soc. Exp. Biol. & Med.
16: 21-22. 1918. no.2. (Michael Levine joint author)

Queensl. Agr. Journ.
White, C.T.
Illustrated notes on the weeds of Queensland 14
Prickly poppy (Argemone mexicana var. ochroleuca)
Queensl. Agr. Journ. 11: 118-119. illus. Mr.1919.no.3.

Rend. R. Accad. Lincei.
Ciamician, G.
Sulla influenza di alcune sostanze organiche sullo
sviluppo delle piante. Nota III Rend. R. Accad.
Lincei V. Cl. Sci. Fis. Nat. e Nat. 28 (1)I 13-20
1919 no.$\frac{1}{2}$ (C. Ravenna joint author)

Rev. Agr. Com. Trab. Cuba
Bruner, S. C.
Caida de las nueces e inclinacien de las hojas
del cocotere en Cuba. Rev. Agr. Com. Trab. Cuba
2: 96. Mr.1919. no.3.

Rev. gén. Bot.
Cebrian de Besteiro, D.
Influence de l'éclairement sur l'absorption du
glucose par les racines des plantes supérieures.
Rev. Gén. Bot. 31: 94-108 pl. 2. Mr.1919. no.363
M. Durand joint author

Colin, H.
L'inuline chez les végétaux, genèse et transfor-
mation Rev. Gén. Bot. 31: 75-80 Mr.1919. no.363
Bibliographical foot notes

Coupin, H.
Sur le montage de quelques préparations micro-
scopiques Rev. Gén. Bot. 31: 109-114. Mr.1919.
no.363

Denis, M.
Recherches anatomiques sur quelques plantes lit-
torales de Madagascae (cont.) Rev. Gén. Bot. 31:
115-120 illus. pl. i Mr.1919. no.363

Friedel, J.
Notice sur Charles-Louis-Catin. Rev. Gén. Bot.
31: 65-74 port. Mr.1919. no.363.
Liste des travaux scientifiques: p. 71-74

Rev. Hort.

Viguier, R.
Les araliacées cultivées Rev. Hort. 91: 228-229, 250-252 F./Mr.1919. no.14-15

Mottet, S.
Neillia, Physocarpus et Stephanandra Rev.Hort. 91: 236-238 illus. F.1919. no.14.

Trouard-Riolle, Y.
Radis sauvages et radis cultivés Rev. Hort. 91: 244-246 illus. Mr.16,1919. no.15

Rhodesia Agr. Journ.

Descriptive list of forest trees and ornamental shrubs, grown at the Government forest nursery, Salisbury. Rhodesia Agr. Journ. 16: 45-53 F.1919. no.1.

Riv. Patol. Veg.

Trotter, A.
La "rabbia" o "antracnosi" del cece ed il suo produttore. Riv. Patol. Veget. II, 9: 105-114 Ag.1918. no.7. (Bibliographical foot notes)
Phyllosticta rabiei

Science

Botanical society of America - Committee on generic types.
Report Science 49: 333-336 Ap.4,1919. no.1266
A.S.Hitchcock, (chairman),N.L.Britton & B.L.Robinson, committee.

Lyman, G.R.
The unification of American botany Science 49: 339-345. Ap.11,1919. no.1267.

Hoaglund, D. R.
Note on the technique of solution culture experiments with plants Science 49: 360-363 Ap.11,1919 no.1267

Coulter, J. M.
The botanical opportunity Science 49: 363-367. Ap.18,1919. no.1268.

Sci. Rep. Agr. Res. Inst. Pusa

Shaw, F.J.F.
Report of the imperial mycologist 1917/18
Sci. Rep. Agr. Res. Inst. Pusa 1917/18 p.71-83. 1918.

Staz. Sper. Agr. Ital.

Lopriore, G.
Di alcune anomalie floreali del mais. Staz. Sper. Agr. Ital. 51: 5-23 illus., pl. i 1918. no.1/2.

Lopriore, G.
Prof. Orazio Comes. Staz. Sper. Agr. Ital. 50: 512. 1917.
d.Oct.13,1917, not yet 70.

Trans. Indiana Hort. Soc.

Reddick, D.
Some essential facts about apple scab. Trans. Indiana Hort. Soc. 1917 p. 84-89 1918.

Trans. Wisc. Acad. Sci.

Davis, J.J.
North American Ascochytae, a descriptive list of species Reprint from Trans. Wisc. Acad. Sci. 19(2): 655-670 F.1919

Davis, J.J.
Notes on parasitic fungi in Wisconsin IV-VI. Reprinted from Trans. Wisc. Acad. Sci. 19 (2): 671-727 F 1919

Trop. Agr.
Petch, T.
Rubber diseases. Trop. Agr. 52: 27-34 Ja.1919.
Address delivered at a meeting of the Kelani Valley planters' association at Taldua, 23d Nov.1918. no.1.

Univ. Calif. Pub. Agr. Sci.
Coit, J.E.
An investigation of the abnormal shedding of young fruits of the Washington navel oranges Univ. Calif. Publ. Agr. Sci. v.3, no.11, p.283-386 illus., pl.25-42 Ap.4,1919 (R.W.Hodgson joint author)
Due to Altenaria citri and climatic conditions

Meded. Landbouwhoogesch. Wageningen
Blaauw, A.H.
Licht und wachstum III. Die erklärung des phototropismus. Reprinted from Meded. Landbouwhoogesch. Wageningen 15: 89-204. pl. xi-xiv. 1918.
Literature p. 203
Laboratorium voor plantenphysiologie no.1

Recent Books.

Please give call numbers and send requests to Loan Desk, B.P.I. Library.

452.3 Chamberlain, C.J.
C35 The living cycads. 1919.

460.43 Flora of tropical Africa v.9,pt.2 1918
O14 Gramineae by O. Stapf (cont.)

Fullerton, E.L.
The book of the home garden... N.Y., 1919
259 p. L.C.

452.6 Gee, Wilson
G27 South Carolina botanists... Columbia,S.C., 1918 52 p.

120 Linné, Carl von
L64U Bref och skrifvelser af och till Carl von Linné... Första afd. del VII 1917

Transeau, E.N.
Science of plant life... 1919 336 p. L.C.

464.09 West Indies. Imperial dept. of agriculture
Correspondence relating to coconut diseases occurring in Grenada. [1918] 6 p.
p. 2-6, Report of mycologist's visit to Grenada Oct.,1918, by William Nowell.

LIBRARY
RECEIVED
MAY 27 1919
U. S. Department of Agriculture

Bureau of Plant Industry Library
Current Author entries, 1919, No. 7.
(Indexed Apr.26-May 10, 1919)

Agr. Gaz. Canada.
Macoun, W. T.
Varieties of potatoes resistant to late blight or rot. Agr. Gaz. Canada 6: 331-332. Ap.1919.no.4.

Amer. For.
Shufeldt, R. W.
Mandrakes; wild lupine... Amer. For. 25: 995-998 illus. Ap. 1919. no. 304

Amer. Journ. Bot.
Gray, J.
The influence of light upon the action of stomata and its relation to the transpiration of certain grains. Amer. Journ. Bot. 6: 131-155. Ap.1919.
G.J.Peirce joint author (Bibliography: p. 154)

Lloyd, F. E.
The origin and nature of the mucilage in the cacti and in certain other plants. Amer. Journ. Bot. 6: 156-166 Ap. 1919 (Literature cited: p. 166)

Skinner, J. J.
The influence of phosphates on the action of alpha-crotonic acid on plants Amer. Journ. Bot. 6: 167-180 illus. Ap.1919 (F.R.Reid joint author)

Amer. Journ. Pharm.
Youngken, H. W.
Ballota hirsuta, a recent adulterant for Marrubium vulgare. Amer. Journ. Pharm. 91: 147-156 illus. Mr.1919. no.3.

Anales Soc. Rur. Arg.
Girola, C. D.
Plantes medicinales de aplicación economica Anales Soc. Rur. Arg. 53: 57-60. F.1919. no.2.

Ann. Mycol.
Gäumann, E.
Ueber die spezialisation der Peronospora auf einigen scrophularicceen. Ann. Mycol. 16: 189-199 illus. 1918 (Zitierte literatur: p.199)

Höhnel, F. von
Mycologische fragmente Ann. Mycol. 16: 35-174. 1918. no. 1/2.

Theissen, F.
Mycologische mitteilungen. Ann. Myc. 16: 175-188 illus. 1918. no. 1/2.

Theissen, F.
Vorentwürfe zu den Pseudospháeriales. Ann. Myc. 16: 1-34 illus. 1918 (H. Sydow joint author) no.1/2.

Ann. Rep. Cornell Agr. Exp. Stat.
Whetzel, H. H.
Report of the Dept. of plant pathology 1917/18. Ann. Rep. Cornell Agr. Exp. Stat. 31: xxxvi-xxxvii 1919.

Wiegand, K. M.
Report of the Dept. of botany 1917/18. Ann. Rep. Cornell Agr. Exp. Stat. 31: xxxv-xxxvi 1919

Bot. Gaz.
Haas, A. R. C.
Respiration after death Bot. Gaz. 67: 347-365. Ap.1919 Literature cited: p. 364-365

Bot. Gaz. (cont.)
Rose, R. C.
After-ripening and germination of seeds of Tilia Sambucus and Rubus. Bot. Gaz. 67: 281-308 Ap.1919. (Literature cited: p. 307-308.) (Contr. Hull Bot. Labor. 247) no.4.

Schneider, C.
Notes on American willows IV Species and varieties of section longifoliae Bot. Gaz. 67: 309-346 Ap.1919.

Wheizel, H. H.
George Francis Atkinson Bot. Gaz. 67: 366-368 port. Ap.1919.

Bot. Not.
Akerman, A.
Ueber die bedeutung der art des auftauens für die erhaltung gefrorener pflanzen. Bot. Not. 1919. p. 49-64 no.2.

Kajanus, B.
Ueber eine konstant gelbbunte Pisum-rasse. Bot. Not. 1919 p. 83-84 no.2.

Gertz, Otto
Caroli Linnaei Flora Kofsöensis 1731. Bot. Not. 1919 p. 85-93. no.2.

Bull. Agr. Algér.-Tunis.-Maroc.
Veauvy,
La loi du climat et l'anarchie végétale en agriculture Bull. Agr. Algér.-Tunis.-Maroc. II, 25: 25-48 F.1919. no.2.

Bull. Soc. Hist. Nat. Afr. Nord
Nicolas, G.
Remarques biologiques sur le Mercurialis annua L. var. ambigua. Bull. Soc. Hist. Nat. Afr. Nord 10: 61-65 Mr.15,1919 (Bibliographical foot notes) no.3.

Bull. Torr. Club
Arthur, J. C.
New species of Uredineae XI Bull. Torr. Club 46: 107-125 Ap.1919. no.4.

Brown, F. B. H.
The preparation and treatment of woods for microscopic study Bull. Torr. Club 46: 127-150 illus. Ap.1919. (Literature cited: p. 149-150) no.4.

Calif. Citrog.
Scott, L. B.
Varieties of the Satsuma orange. Calif. Citrog. 4: 176, 199 illus. My.1919. no.7.

Centralbl. Bakt. abt.2.
Bronsart, H. von
Vergleichende untersuchung über 3 Xylaria-arten Centralbl. Bakt. abt. 2, 49: 51-76 illus., pl. Ja. 1919. (Literaturverzeichnis: p. 76) (X. arbuscula, X. polymorpha, X. hypoxylon)

Dietel, Paul
Ueber die wirtswechselnden rostpilze. Centralbl. Bakt. abt. 2, 48: 470-500 S.1918. 20/23

Stranák, F.
Beiträge zur histologischen und physiologischen erforschung der bakteriellen krankheit der gefässbundel der kartoffelknollen. Centralbl. Bakt. abt. 2, 48: 520-543 illus. N.1918. (Bibliographical foot notes) 24/25

Compt. Rend. Acad. Agr. France

Sur l'enroulement des feuilles de la pomme de terre Compt. Rend. Acad. Agr. France 50: 356-358. 1919. (Report of work of M. Blanchard & M. Claude Perret)

Mangenot, G.
Sur la formation des asques chez Endomyces lindneri (Saito) Compt. Rend. Soc. Biol. Paris 82: 230-232 illus. Mr.1919. no.7.

Colin, H.
Utilisation du glucose et du lévulose par les plantes supérieures. Compt. Rend. Acad. Sci. Paris 168: 697-699 Mr.1919. no.13.

Daniel, L.
Recherches sur le développement comparé de la laitue au soleil et à l'ombre. Compt. Rend. Acad. Sci. Paris 168: 694-697 Mr.1919. no.13.

Compt. Rend. Trav. Labor. Carlsberg
Winge, Ojvind
On the non-Mendelian inheritance in variegated plants. Compt. Rend. Trav. Labor. Carlsberg. v.14, no. 3, 20 p. illus. 1919. (Literature: p. 20)

Contr. Gray Herb.
Macbride, J. F.
I. Further new and otherwise interesting Liliaceae II. A revision of Mirabilis, subgenus Hesperonia. III. A revision of Mentzelia, section Trachyphytum IV. Certain North American Umbelliferae. V. Reclassified or new Compositae chiefly North American Heleniae. VI. Various American spermatophytes, new or transferred. Contr. Gray Herb. n.s., no. 56 61 p. D.1918.

Garden
Rolfe, R. A.
The loganberry Garden 83: 138 Mr.29,1919. no.2471.

Bean, W. J.
Trees and shrubs. Garden 83: 140 Mr.29,1919. no. 2471.

Gard. Chron. III.
Dummer, R. A.
The vegetation of the crater and summit of Mount Elgon, (concl.) Gard. Chron. III, 65: 150 Mr.29, 1919. No. 1683.

Roberts, W.
Some little known botanists. Gard. Chron. III. 65: 147. Mar. 29,1919. no. 1683.

Iowa Agr. Exp. Stat. Res. Bull.
Melhus, Irving E.
Studies on the crown rust of oats. Iowa Agr. Exp. Stat. Res. Bull. 49: 113-144. F.1919.
L. W. Durrell joint author (Bibliography: p.143-144) (Puccinia coronata)

Jahrb. Wiss. Bot. Pringsh.
Götze, H.
Hemmung und richtungsänderung begonnener differenzierungsprozesse bei phycomyceten. Jahrb. Wiss. Bot. Pringsh. 58: 337-405. illus. D.1918. no.3.
Literaturverzeichnis: p. 403-405.

Janse, J. M.
Die energieleistung des protoplasten beim wachsen der zelle. Jahrb. Wiss. Bot. Pringsh. 58: 221-236 D.1917. no.2.

Nordhausen, M.
Zur kenntnis der saugkraft und der wasserversorgung transpirierender sprosse. Jahrb. Wiss. Bot.

Jahrb. Wiss. Bot. Pringsheim. (cont.)
Pringsheim. 58: 295-335. D.1917. (Literaturverzeichnis: p. 335) no.2.

Paaĺ,Á
Ueber phototropische reizleitung. Jahrb. Wiss. Bot. Pringsh. 58: 406-458 illus., pl. iv D.1918

Stark, P.
Ueber die gültigkeit des Weberschen gesetzes bei den haptotropischen reaktionen von koleoptilen und keimstengeln. Jahrb. Wiss. Bot. Pringsh. 58: 459-473. D.1918. (Literaturverzeichnis: p. 473) no.3.

Journ. Agr. Res.
MacMillan, H. G.
Fusarium-blight of potatoes under irrigation Journ. Agr. Res. v.16, no.11 p. 279-303 pl. 39-41. Mr.17,1919. (Literature cited: p.301-303)

Thomas, C. C.
Seed disinfection by formaldehyde vapor. Journ. Agr. Res. v.17, no.1 p. 33-39 illus. Apr.15,1919.

Journ. Elisha Mitch. Sci. Soc.
Beardsley, H. C.
A new specie of Amanita. Journ. Elisha Mitch. Sci. Soc. 34: 198-199 pl. 30-31 Mr.1919. no.4.
(See last entry on page)

Journ. Wash. Acad. Sci.
Blake, S. F.
Revision of Ichthyomethia, a genus of plants used for poisoning fish. Journ. Wash. Acad. Sci. 9: 241-252 My.4,1919

Meded. Landbouwhoogsch. Wageningen
Ritzema Bos, Jan
Bijdrage tot de kennisbvan de werking der Bordeauxsche pap op de aardappelplant Meded. Landbouwhoogsch. Wageningen 15: 220-235 1919. no.3/4.

Minn. Hort.
Brierley, W. G.
The healing of pruning wounds. Minn. Hort. 47: 145-152. illus. Ap.1919.

Nat. Geogr. Mag.

American berries of hill, dale and wayside. Nat. Geogr. Mag. 35: 168-184 illus. (incl. col. pl. i-viii) F.1919. no.2.

Nature
Hendrick, J.
The chemistry of seaweeds. Nature 102: 494-495. F.20,1919. no.2573.

Nuovo Giron. Bot. Ital.
Chiovenda, E.
Di und interessante caso teratologico nella sessualità di una palma da datteri. Nuovo Giorn. Bot. Ital. 25: 248-270 Jy.1918. (Bibliographical foot notes) no.3.

Penzo, A.
Sul genere Acacia Nuovo Giorn. Bot. 25: 271-307 Jy.1918. no.3.

Proc. Amer. Soc. Hort. Sci.
Lipman, J. G.
Bryon David Halsted. Proc. Amer. Soc. Hort. Sci. 15 (1918): 117 F.1919 (From the "Voorhees farmer, O,1918)

Journ. Elisha Mitchell Sci. Soc.
Coker, W. C.
The Hydnums of North Car. 34: 163-197 pl.1-29.Mr.1919.

Publ. Puget Sound Biol. Stat.

Hotson, J. W.
Sphagnum from bog to bandage. Publ. Puget Sound Biol. Stat. 2: 211-247 Mr.7,1919 no.47.
Bibliography: p. 246-247

Hurd, A. M.
The relation between the osmotic pressure of Nereocystis and the salinity of the water. Publ. Puget Sound Marine Biol. Stat. 2: 183-198 Mr.1919
Bibliography: p. 192-193 no. 44/46

Rigg, G. B.
Early stages in bog succession. Publ. Puget Biol. Stat. 2: 195-210. illus. Mr.1919. no.44/46
Citations: p. 210.

Zeller, S. M.
Fungi found on Codium mucronatum Publ. Puget Sound Biol. Stat. 2: 121-125. pl. 20 D.1918.
Chytridium codicola, Rhizophidium codicola, Stemphylium codii new species

Quart. Journ. For.

Pethybridge, G. H.
A destructive disease of seedlings trees of Thuja gigantea Nutt. Quart. Journ. For. 13: 93-97 Ap.1919. no.2. (Keithia thujina)

Rep. Hawaiian Agr. Exp. Stat.

Carpenter, C. W.
Report of the division of plant pathology 1918 Rep. Hawaiian Agr. Exp. Stat. 1918 p. 35-45 pl. viii-xi 1919.
Phoma musae n. sp. (Banana freckle or black spot disease)

Rev. Hort. Tunis

Guillochon, L.
Une maladie cryptogamique du fruit de la tomate Rev. Hort. Tunis. 16: 131-138 S.1918. no.122
Phoma destructiva

Pile, A.
Influence supposée de la lune sur la végétation Rev. Hort. Tunis. 17: 42-47 Mr.1919. no.128.

Rev. Sci.

Vuillemin, P.
La classification botanique, ses principes; sa méthode. Rev. Sci. 57: 76-79 F.1919. no.3.

Rhodora

Deane, W.
Amsinckia in New England. Rhodora 21: 38-40. F.1919. no.242.

Fernald, M. L.
Carex flava var. gaspensis in Vermont. Rhodora 21: 40 F.1919. no.242.

Fernald, M. L.
Helianthemum bicknellii and H. propinquum. Rhodora 21: 36-37 F.1919. no.242.

Fernald, M. L.
Lithological factors limiting the ranges of Pinus banksiana and Thuja occidentalis. Rhodora 21: 41-67 Mr.1919. no.243.
Contr. Gray Herb. N.S., no. LVIII

Nichols, G. E.
Lophiola aurea in Nova Scotia. Rhodora 21: 68 Mr.1919. no.243.

Robinson, B.L.
An unusual Daucus carota. Rhodora 21: 70-71. Mr.1919. no.243.

Rhodora (cont.)
Standley, P. C.
A neglected Solidago name. Rhodora 21: 69-70. Mr.1919. no.243.

Riv. Biol.
Pirotta, R.
Ontogenesi nelle piante Riv. Biol. 1: 24-45 Ja./F.1919. no.1

Toni, G. B. de
Fabio Colonna e l'eterocarpia. Notizia storica di biologia. Riv. Biol. 1: 46-49 Ja./F.1919. no.1.

Sci. Amer. Suppl.
Faidean, F.
Animal and vegetable rennets, their properties, their preparation and their mode of action. Sci. Amer. Suppl. 87: 285. illus. My.3,1919.
Transl. from Larousse mensuel (Paris)

South Carolina Agr. Exp. Stat. Bull.
Faulwetter, R. C.
The angular leaf spot of cotton. South Carolina Agr. Exp. Stat. Bull. 198 29 p. vi pl., iv tabs. F.1919. (Bibliography: leaf at end)

Tijdschr. Plantenz. 2
Lek, H.A.A. van der
Over de z.g. "verwelkingsziekten" in het bijzonder die welke door Verticillium alboatrum veroorzaakt worden II. Tijdschr. Plantenz. 25: 17-49. pl. i-ii Ja.1919. no.1. (Literatuur: p.47-49)

Schoevers, T. A. C.
Wat nu in den boomgaard gedaan kan worden ter bestrijding van ziekten en plagen. Tijdschr. Plantenz. 25(Bijbl.): 1-4. Ja.1919.

U. S. Dept. Agr. Bull.
Popenoe, Wilson
The avocado in Guatemala U. S. Dept. Agr. Bull. 743 69 p. xxiii pl. Ap.17,1919.

Johnson, James
Strains of white Burley tobacco resistant to root-rot. U. S. Dept. Agr. Bull. 765 11 p. illus. Ap.18,1919. (R. H. Milton joint author)

Books recently received.

Mills, F. W. and Philip, R. H.
461.44 The Diatomaceae of the Hull district. 1901.
M62

Amer. Rose Ann.
Massey, L. M.
More about crown canker Amer. Rose Ann. 1919 p. 74-78.

Van Fleet, W.
Fragrant roses Amer. Rose Ann. 1919 p.14-20.

Ann. App. Biol.
Kidd, F.
Physiological pre-determination: the influence of the physiological condition of the seed upon the course of subsequent growth and upon yield. III-IV. Review of literature. Chapter II-III. Ann. App. Biol. 5: 157-170, 220-251. Ap.1919. no. 3/4
Cyril West joint author
Literature cited: p. 169-170, 249-251.

Paine, S. G.
Studies in bacteriosisII. A brown blotch disease of cultivated mushrooms. Ann. Appl. Biol. 5: 206-219 illus. Ap.1919 no.3/4. (References: p. 219)
Pseudomonas tolaasi?

Salmon, E. S.
On forms of the hop (Humulus lupulus L.) resistant to mildew (Sphaerotheca humuli DC.) Burr. III
Ann. App. Biol. 5: 252-260 Ap.1919. no.3/4
Bibliography: p. 260

Wormald, H.
A copper emulsion as a fungicide. Ann. App. Biol. 5:200-205 pl. xi Ap.1919. no.3/4
L. K. Wormald joint author

Ann. Ecole Nat. Agr. Montp.
Arnaud, G.
Les astérinées. Ann. Ecole Nat. Agr. Montp. n.s., 16: 3-288 illus., liii pl. 1918. no.1/4
Index bibliographique: p. 261-269

Annal. Inst. Nat. Agron.
Girard, A. Ch
Achille Müntz, 1846-1917... Annal. Inst. Nat. Agron. II, 13: 171-217. port. 1918. fasc.2.
Travaux: p. 206-217

Wery, G.
L'organisation scientifique de l'agriculture aux colonies. Annal. Inst. Nat. Agron. II, 13: 275-365

Ann. Rep. Colo. Agr. Exp. Stat.
Rob bins, W. W.
Report of the botanist Ann. Rep. Colorado Agr. Exp. Stat. 31(1917/18): 20-23 1918?

Ann. Rep. Iowa Agr. Exp. Stat.
Botany In its Ann. Rep. 1917/18 p. 24-29 1918 (L.H.Pammel,botanist; I.E.Melhus, plant pathologist) (Contains notes on plant diseases)

Atti Ist. Incor. Napoli
Terracciano, Nicola
Aggiunte alla "Flora dei campi Flegrei" Atti Ist. Incor. Napoli VII, 68: 269-454 pl. i-iv 1917

Blätt. Zuckerrübenb.
Fortschritte und neuerungen auf dem gebiete der rüben- und rübensamenzucht im jahre 1916 (Aus dem Jahresbericht der rübensamen-zuchtstation von Wohanka & Co. Prag) Blätt. Zuckerrübenb. 25: 146-147, 179-180. S.,N.1918 no.17/18, 21/22.
b. Die krankheiten der zuckerrübe. c. Krankheiten physiologischer natur.

Daude,
Chemische mittel zur vertilgung von pflanzenschädlingen. Blätt. Zuckerrübenb. 25: 22-26, 46-48. F., Mr.1918.

Stift, Anton
Bemerkenswerte mitteilungen über das auftreten von tierischen feinden und krankheiten der zuckerrübe im jahre 1917 B. Krankheiten der zuckerrübe Blätter Zuckerrübenb. 25: 43-45 Mr.1918 no.5/6

Uzel, H.
Bericht über krankheiten und feinde der zuckerrübe in Böhmen und der mit derselben abwechselnd kultivierten pflanzen im jahre 1916 Blätt. Zuckerrübenb. 25: 175-179. N.1918. no.21/22

Uzel, H.
Ueber krankheiten und schädiger der samenrübe in Böhmen in den jahren 1916 und 1917 Blätter Zuckerrübenb. 25: 187-192. D.1918. 23/24

Bryologist
Durand, E. J.
Encalypta lacinata in central New York. Bryologist 22: 13. Mr.1919. no.2.

Durfee, T.
Lichens of the Mt. Monadnock region, N.H. no.11 Bryologist 22: 15-16. Mr.1919. no.2.

Lowe, R. L.
Collecting in Arkansas. Bryologist 22: 14-15 Mr.1919 no.2.

Chamberlain, E. B.
Anacamptoden splachnoides var. tayloriae in Missouri Bryologist 22: 16. Mr.1919. no.2.

Bull. Soc. Hist. Nat. Afr. Nord
Battandier, J. A.
Le genre Astydamia D.C. est-il suffisamment distinct du genre Levisticum L. Bull. Soc. Hist. Nat. Afr. Nord 10: 74-75 Ap.1919 no.4.

Battandier, J. A.
Quelques mots à propres de la dernière communication de M. Nicolas sur la Mercuriale. Bull. Soc. Hist. Nat. Afr. Nord 10: 76-77 Ap.1919. no.4.

Bull. Torr. Club
Andrews, F. M.
The effect of soaking in water and of aëration on the growth of Zea mays. Bull. Torr. Club 46: 91-100 illus. Mr.1919. no.3. (C.C.Beals joint author)

Weatherwax, P.
Gametogenesis and fecundation in Zea mays as the basis of xenia and heredity in the endosperm Bull. Torr. Club 46: 73-90 illus., pl. 6-7. Mr.1919. no.3. (Literature cited: p.,89-90)

Canad. Text. Journ.
Blair, R. J.
Decay in textile mill roofs. Canad. Text. Journ. 36: 85-87, 90 illus. Mr.4,1919. (Separate)

Florida Grow.
Sherbakoff, C. D.
About truck and truck diseases (cont.) Fla. Grow. v.19, no.17 p.8; no.20, p.6,14-15 illus. Ap.26, My.17,1919.

Gard. Chron. III.
Dykes, W. R.
Scillas, Chionodoxas and Chionoscillas. Gard. Chron. III, 65: 163-164. illus. Ap.5,1919.

Gard. Mag.
Seymour, E.L.D.
Fair treatment for trees. Gard. Mag. 29: 171-173 illus. My.1919. no.4.
(Illus. of some historic trees.

Genetics
Freeman, G.F.
The heredity of quantitative characters in wheat Genetics 4: 1-93 Ja.1919. no.1.

Hacienda
Cunliffe, R.S.
El cultivo de los citrus (cont.) Hacienda 14: 244-247 illus. My.1919. no.8.

Hoppe-Sely. Zeitschr. Phys. Chem.
Winterstein, E.
Ueber das vorkommen von jod in pflanzen. Hoppe-Sely. Zeitschr. Phys, Chem. 104: 54-58 1918. no.1.

Zellner, J.
Ueber die chemische zusammensetzung der Agave americana L. nebst bemerkungen über die chemie der succulentan im allgemeinen. Hoppe-Seyl. Zeitschr. Phys. Chem. 104: 2-10 1918 no.1

Iowa Agr.
Gilman, J. C.
Fungous diseases of garden crops Iowa Agr. 20: 47-52 illus. My.1919

Journ. Agr. Prat.
Marre, F.
Les vesces Journ. Agr. Prat. 83: 191-194 illus. Ap.10,1919. no.10.

Journ. Amer. Pharm. Assoc.
Ewing, C.O.
Conium maculatum L., and Aethusa cynapium L., an adulterant Journ. Amer. Pharm. Assoc. 8: 385-390 illus., My.1919. no.5.
E.E.Stanford, J.F.Clevenger joint authors
Bibliography: p. 389-390

Koch, G. P.
Atropa belladonna Journ. Amer. Pharm. Assoc. 8: 390-405 My.1919 no.5.
Bibliography: p. 404-405

Journ. Bd. Agr. Gt. Brit.
Robson, R.
Control of the weeds whitlow, pepperwort and black mustard. Journ. Bd. Agr. Gt. Brit. 26: 56-63 2 pl. Ap.1919 no.1

Salmon, E. S.
Potato-spraying experiments at Wye college fruit experiment station, East Malling, Kent. Journ. Bd. Agr. Gt. Brit. 26: 71-77. pl. Ap.1919. no.1.
H. Wormald joint author

Journ. Bot.
Arber, A.
Aquatic angiosperms, the significance of their systematic distribution. Journ. Bot. 57: 83-86 Ap.1919 no.676

Britten, James
Madeira flowers. Journ. Bot. 57: 97-99 Ap. 1919(Bibliographical notes LXXV) no.676.
Mrs. Penfold's Madeira flowers, fruits and ferns Mrs. A.J.Robley's Selection of Madeira flowers.

Godfrey, M.J.
"Epipactis media (Fries)" Bab. Journ. Bot. 57: 80-83. Ap.1919. no.676.
E. media should now disappear from British botany,

Journ. Bot. (cont.)

Moore, S. Le M.
Alabastra diversa part XXX Journ. Bot. 57: 86-91. Ap.1919. no.676
Plantae rogersiana IV (Archdeacon Rogers African plants)

Williams, F. N.
Pulteney's references to the Flora londinensis Journ. Bot. 57: 100 Ap.1919

Journ. Hered.

Collins, J. L.
Chimeras in corn hybrids. Xenia in F_1 corn hybrids changed through mutation, chimeras in flowers. a case of chimera on a fig. Journ. Hered. 10: 3-10 illus. Ja.1919. no.1.

Cushman, A. S.
Growing medicinal plantas in America Journ. Hered. 10: 32-38 illus. Ja.1919 no.1.

Fairchild, D.
Testing new foods. Journ. Hered. 10: 17-28 illus. Ja.1919. no.1.

Van Fleet, W.
New everbearing strawberries. Journ. Hered. 10: 14-16 illus. Ja.1919. no.1.

Love, H. H.
The synthetic production of wild wheat forms. Journ. Hered. 10: 51-64 illus. F.1919. no.2.

Blakeslee, A. F.
Mutations in the Jimson weed. Journ. Hered. 10: 111-120 illus. Mr.1919. no.3.
B. T. Avery, joint author

Pomeroy, C. S.
Bud variations in sugar cane. Journ. Hered. 10: 129-135. illus. Mr.1919. no.3.

Roberts, H. F.
The founders of the art of breeding. Journ. Hered. 10: 99-106 illus. Mr.1919. no.3.
Bibliography: p. 106

U. S. Dept. of agriculture
Restricted entry of plants to protect American crops... Journ. Hered. 10: 87 F.1919. no.2

Van Fleet, W.
New pillar rose. Journ. Hered. 10: 136-138 illus. Mr.1919. no.3. (Rosa souliemna x. R. setigera x R; wichuriana x R. odorata)

Journ. Soc. Chem. Ind.

Cheel, E.
Oil from the seed of locally grown "Mexican buckeye" (Ungnadia speciosa) Journ. Soc. Chem. Ind. 38(Trans.): 74-75. Mr.1919. no.6.
A. R. Penfold joint author

Landtbr. Akad. Handl. o. Tidskr.

Sweden. Centralanstalten för försökväsendet på jördbruksområdet - Afdelningan för landtbruksbotanik.
Arsberättelse 1918 In Arsber. f. Verks. Centralanst. f. Försöksv. Jördbr. 1918 K. Landtbr. Akad. Handl. o. Tidskr. 58: 112-113. 1918. no.2.

Madrid. Muc. Hac. Cienc. Nat. Ser.Bot.Trab.

González Fragoso, R.
La roya de los vegetales. Enumeración y distribución geográfica de los uredinales conocidos hasta hoy en la peninsula ibérica e islas Baleares, Por Romualdo González Fragoso. Madrid, 1918. (267 p. 24cm. (Trabajos del Museo nacional de ciencias naturales. Serie botánica, [illegible] Bibliografía: p. 13-26)

Meded. Cultuurt. Inst. Plantenz. Cult.
Bley, G.F.J.
Crotalaria usaramoensis als vezelplant. Meded. Cultuurt. Inst. Plantenz. Cult. no.12 13,[2] p. plates 1918

Mem. Cornell Agr. Exp. Stat.
Deatrick, E.P.
The effect of manganese compounds on soils and plants Mem. Cornell Agr. Exp. Stat. 19: 365-402. F.1919. (Literature cited: p. 399-402.)

Emerson, R. A.
A fifth pair of factors Aa for aleurone nolor in maize and its relation to the Cc and Rr pairs. Mem. Cornell Agr. Exp. Stat. 16: 225-289 N.1918.

Mich. Acad. Sci.
Gardner, M. W.
Mode of dissemination of fungous and bacterial diseases of plants Reprinted from Mich. Acad. Sci. 20: 357-423 1919? (Literature: p. 412-423)

Mich. Geol. & Biol. Surv. Publ.
Kauffman, C.H.
The Agaricaceae of Michigan. 2 v. plates 1918 (Mich. Geol. & Biol. Surv. Publ. 26, Biol. Ser.5)

National Nurserym.
Houston, D. F.
Result of meeting in reference to Quarantine no. 37 National Nurserymen 27: 131-135. My.1919
Letter to T. B. Meehan

Naturw. Wochenschr.
Killermann, S.
Zur geschichte der ananas und agave, Naturw. Wochenschr. n.f., 17: 497-503 illus. S.1918. no.35
Bibliographical foot notes

Ohio Journ. Sci.
Claassen, E.
Mosses of several Ohio counties. Ohio Journ. Sci. 19: 362-366 Ap.1919 no.6.

Griggs, R. F.
The beginnings of revegetation in Katmai valley Ohio Journ. Sci. 19: 318-342 illus. Ap.1919. no.6. (Scientific results of the Katmai expeditions of the National geographic society IX)

Jennings, O.E.
Potamogeton vaseyi in northeastern Ohio Ohio Journ. Sci. 19: 343. Ap.1919. no.6.

Ottawa Nat.
Cox, Philip
Dirca palustris L. in New Brunswick. Ottawa Nat. 32: 170. Mr.1919. no.9.

Philippine Agr.
Peralta y Leaño, F. de
A study of the relation of climatic conditions of the vegetative growth and seed production of rice. Philippine Agr. 7: 159-183. Ja.1919. no.6.

Plant world
Weaver, J. E.
The quadrat method in teaching ecology Plant world 21: 267-283 illus. N.1918 [1919?] no.11
Literature cited: p. 282-283
Contr. Dept. Bot. Univ. Nebr. n.s. no.26.

Berry, E. W.
Geologic history of the locust and its allies. Plant world 21: 284-298 illus. N.1918 [1919?] no.11

Prakt. Blätt. Pflanzenb. u. Pflanzensch. 1

Gentner, G.

Ueber durch Macrosporium sarciniforme Cav. hervorgerufene erkrankungen der luzerne und des klees Prakt. Blätt. Pflanzenb. u. Pflanzensch. 16: 97-105. illus. S./O.1918. no.9/10.

Hiltner, L.

Ueber anquellung, beizung und impfung des saatguts. Schluss Prakt. Blätt. Pflanzenb. u. Pflanzensch. 16: 105-111 S./O.1918 no.9/10.

Proc. Biol. Soc. Wash.

Piper, C. V.

New Pacific coast plants Proc. Biol. Soc. Wash. 32: 41-44 Ap.11,1919

Maxon, W. R.

A new Cheilanthes from Mexico Proc. Biol. Soc. Wash. 32: 111-112. My.20,1919. (C. castenea)

Proc. Florida State Hort. Soc.

Florida state horticultural society - Citrus canker committee

Report Proc. Florida State Hort. Soc. 30: 51-59 1917

Fulton,R.R.

Spraying for citrus diseases, its usefulness and its limitations. Proc. Florida State Hort. Soc. 30: 60-65 1917

Stevens, H.E.

Some disease problems of the season Proc. Florida State Hort. Soc. 30: 37-43. 1917

Watson, J.R.

Control of root knot by calcium cyanamide. Proc. Florida State Hort. Soc. 30: 27-34 1917

Rep. Dept. Agr. Union So. Africa

Evans, I. B. P.

[Report of the] Division of botany] Rep. Dept. Agr. Union So. Africa 1917/18 p. 61-68

Rev. Agr. Com. Trab. Habana

Cremata, M.

Plantas medicinales populares. Rev. Agr. Com. Trab. Habana 2: 153-155. illus. Ap.1919.

El bejuco ubi (Cissus sycioides); Gandul (Cajanus indicus)

Cremata, M.

Plantas meliferas Rev. Agr. Com. Trab. Habana 2: 140-152. illus. Ap.1919. no.4.

Rev. Gén. Bot.

Denis, M.

Recherches anatomiques sur quelques plantes littorales de Madagascar (fin) Rev. Gen. Bot. 31: 129-142 Ap.1919. no.364. (Bibliographie: p. 141-142)

Michel-Durand, É.

Variation des substances hydrocarbonées dans les feuilles.(cont.) Rev. Gén. Bot. 31: 143-156. Ap.19191

Rep. Hawaiian Agr. Exp. Stat.

Carpeneter, C. W.

Banana freckle or black spot disease. In his Report of the Division of plant pathology,1918 Rep. Hawaiian Agr. Exp. Stat. 1918 p. 36-40 pl.viii-ix 1919

Phoma musae n. sp.

Rev. Hort.

Mottet, S.

Nouveaux Viburnum de la Chine Rev. Hort. 91: 262-264. col. pl. Ap.16,1919. no16.

Rev. Hort. Algérie

L'asperge Washington, son immunité vis à vis de la rouille. Rev. Hort. Algérie 23: 219. F./Mr.1919 no.2/3

Delaye, A.

Contribution à l'etude sur "l'utilisation du soja" au point de vue de l'alimentation de l'homme Rev. Hort. Algérie 23: 197-202 F./Mr.1919. no.2/3

Robertson-Proschowsky,A.

Un bananier séminifère à fruits comestibles, pour la Côte-d'Azur. Musa paradisiaca L. sousespèce M. seminifera (Lour.) Baker. Rev. Hort. Algérie 23: 218-219 F./Mr.1919 no.2/3

Rev. Vitic.

Quelques notes sur le parasitisme et le traitement de Lathraea clandestina Rev. Vitic. 50: 21 col. pl. Ap.3,1919. no.1292

Rhodora

Clokey, I. W.

Carex notes Rhodora 21: 83-85 Ap.1919. no.244.

C. arapahoensis, C. subimpressa n. sp.; C. tribuloides var. sangamonensis var. nov.

Farwell, O. A.

Bromelica (Thurber): a new genus of grasses Rhodora 21: 76-78 Ap.1919. no.244.

New England botanical club

Reports on the flora of the Boston district XXX Rhodora 21: 78-83 Ap.1919 no.244

Weatherby, C. A.

Long pond Rhodora 21: 73-76 Ap.1919. no.244.

Sci. Amer. Suppl.

Henry, A.

The cedars of Lebanon. References to the trees of great age that form the nucleus of the historic grove. Sci. Amer. Suppl. 87:295 My.10,1919.

From Country life

Soil Science

McCall,A.G.

Abnormal stem growth of soybeans in sand cultures with Shive's three-salt solution. Soil Sci. 6: 479-485. incl. pl. 1-2 D.1918 [1919] no.6

J.B.S.Norton, P.E.Richards joint authors.

So. African Journ. Sci.

Phillips, E. P.

A note on the flora of the Great Winterhoek range. So. African Journ. Sci. 15: 226-234. N./D.1918. no.4.

Tijdschr. Plantenz.

Ritzema Bos,Jan

Bijdrage tot de kennis van de werking der Bordeauxsche pap op de aardappelplant Tijdschr.Plantenz. 25: 77-94 Mr.1919. no.2.

(Bibliographical foot notes)

Schoevers, T.A.C.

Het krullen van tomatenbladeren. Tijdschr. Plantenz. 25(Bijbl.): 11-12. Mr.1919.

Schoevers, T.A.C.

Nieuwe ziekten, waarop gelet moet worden.I. Tijdschr.Plantenz. 25: 95-98 Mr.1919. no.2.

I.Bij spinazie.

Verhoeven, W.B.L.

Zaaigraanontsmetting. Tijdschr.Plantenz. 25(Bijbl.): 5-10 Mr.1919 no.2.

Torreya

Andrews,A.LeR.
Bryological notes V. Scapania nimbosa from Norway. Torreya 19: 49-51. Mr,1919. no.3.

Andrews,E.F.
The Japanese honeysuckle in the eastern United States. Torreya 19: 37-43 illus. Mr.1919. no.3.

Arthur,J.C.
New names for species of phanerogams. Torreya 19: 48-49 Mr,1919. no.3.
Senites hartwegi, Sanguinale pruriens,Nymphoides grayanam, Aureolaria virginica, Dasystephana spathaceam Dasystephana mencesii.

Kimball,K.D.
A specimen of Panicum urvilleanum...bearing two sterile florets below the well-developed fertile floret. Torreya 19: 51 Mr.1919. no,3.

Rosendahl,C.O.
Variations in the flowers of Erythronium propullans Gray Torreya 19: 43-47 illus. Mr.1919.no.3.

Trans. Illinois Acad. Sci.

Brunson, A. M.
The first generation cross between two strains of corn bred for high and low ears. Trans. Illinois Acad. Sci. 9: 87-91 1917.

McDougall, W. B.
Some interesting fungi of Champaign county Trans. Illinois Acad. Sci. 9: 125-128 6 pl. 1917.

Pepoon, H. S.
Peculiar plant distribution Trans. Illinois Acad. Sci. 9: 128-137 incl. map 1917.

Sampson, H. C.
An ecological survey of the vegetation of the Illinois prairies - a preliminary report. Trans. Illinois Acad. Sci. 9: 123-125. 1917.

Smith, L. H.
The artificial germination of maize pollen. Trans. Illinois Acad. Sci. 9: 95-101 1917

Woodburn, W. L.
Cytological phenomena connected with spermatogenesis in liverworts and mosses. Trans. Illinois Acad. Sci. 9: 138-143. 1917.

Clark, H. W.
Dwarf shore floras. Trans. Illinois Acad. Sci. 10: 145-159 v. pl. 1917.

Dalbey, N. E.
Phyllachora as the cause of a disease of corn, and a general consideration of the genus Phyllachora. Trans. Illinois Acad. Sci. 10: 230-248 illus., pl. 1917 (Bibliography, p. 248)
Tabulation of species of Phyllachora found in "Sylloge fungorum" arranged in the order of spore length: p. 239-248.

Higley, R.
Notes on Cephaleuros virescens Trans. Illinois Acad. Sci. 10: 256-258 1917.

Miles, L. E.
Some new Porto Rican fungi. Trans. Illinois Acad. Sci. 10: 249-255 illus. 1917

McInnes, F. J.
The occurrence of Alternaria in a characteristic apple spot, and an applet rot caused by Gliocladium viride. Trans. Illinois Acad. Sci. 10: 218-229 illus., iv. pl. 1917. (References: p. 223, 229)

Trans. Illinois Acad. Sci. (cont.)

Pepoon, H. S.
The Primrose rocks of Illinois. Trans. Illinois Acad. Sci. 10: 159-162. pl. 1917. (Primula mistassinica.

Stevens, F. L.
Porto Rican fungi, old and new Trans. Illinois Acad. Sci. 10: 162-218 illus. 1917.

Trelease, W.
The chestnut in Illinois Trans. Illinois Acad. Sci. 10: 143-145 1917

Trelease, W.
Two leaf-fungi of Cyclamen. Trans. Illinois Acad. Sci. 9: 143-146 1917.
Ramularia cyclaminicola, Phyllosticta cyclaminicola new species.

Waterman, Warren Gookin
Plant ecology and its relation to agriculture. Trans. Illinois Acad. Sci. 10: 123-129 1917.

Trans. Roy. Soc. So. Africa

Evans, I. B. P.
On the genera Diplocystis and Broomeria. Trans. Roy. Soc. So. Africa 7: 189-192. pl.xix-xxiii. Mr.1919. no.3. (D. junodi n. sp.)
Bibliography: p. 191
Averil M. Bottomley joint author

Doidge, E. M.
South African Perisporiales II Revisional notes Trans. Roy. Soc. So. Africa 5:191-197. illus. no.3. Mr.1919.

Vie Agr.et Rur.

Truelle, A.
La reglisse officinale, culture, produits, commerce Vie Agr. et Rur. 9: 275-279 illus. Ap.1919. no.16. (Clycyrrhiza glabra)

West Indian Bull.

Harland, S. C.
The improvement of the yield of Sea Island cotton in the West Indies by the isolation of pure strains. West Indian Bull. 17: 145-161 1919 no.3. (References: p. 161)

Cobb, N. A.
A new nema, Tylenchus musicola, n.sp. said to cause a serious affection of the Bluggoe banana in Grenada, British West Indies. West Indian Bull. 17: 179-182. illus. 1919. no.3.

Nowell, W.
A supposed nematode disease of bananas West Indian Bull. 17: 177-179 1919. no.3.
For description and name of nematode, see Cobb, N.A. A new nema, Tylenchus musicola n. sp.

Bureau of Plant Industry Library.
Current Author Entries, 1919, No. 9.
(Indexed May 26 - June 7, 1919)

Aarber. Landbr. Dep. (Norway)
Schøyen, T. H.
Statsentomolog T. H. Schøyens beretning 1917 Aarber. Landbr. Dep. (Norway) 1917 pt. 3, p.29-101 illus. 1918
Contains notes on plant diseases

Agr. Colon. Firenze
Leone, G.
Il marciume radicale degli agrumi nell'Oasi di Tripoli. Agr. Colon. Firenze 12: 209-215. illus. S.1918. No.4.

Agr. Gaz. Canada
Brodrick, F. W.
A new disease in parsnips Agr. Gaz. Canada 6: 461-462 illus. My.1919. No.5.
Canker or "rust".

McCubbin, W. A.
Brown rot of stone fruits. Agr. Gaz. Canada 6: 429-432 My.1919 no.5

McCubbin, W. A.
Notes on diseases in 1918 Agr. Gaz. Canada 6: 433-436 My.1919 no.5

Amer. Assoc. Nurserym. Ann. Conv.
Stakman, E. C.
Banish the barberry and save the wheat. Amer. Assoc. Nurserym. Ann. Conv. 43: 41-46. 1918.

Amer. Bot.
Bowles, C. W.
Systematic botany Amer. Bot. 25: 57-63 My.1919.

Clute, W. N.
Officinal drugs of the United States. Amer. Bot. 25: 47-50. My.1919

Johnston, E. L.
The sand lily Amer. Bot. 25: 52-54 My.1919. no.2.

MacCaughey, V.
The mangrove. Amer. Bot. 25: 42-46 My.1919.

Nelson, J. C.
The gender of Rumex Amer. Bot. 25: 55-56 My.1919.

Soth, Mrs. D. H.
The Arctic gentian Amer. Bot. 25: 41 pl. My.1919. no.2.

Watkins, S. L.
The western Azalea Amer. Bot. 25: 51-52 My.1919.

Amer. For.
Shufeldt, R. W.
Phytophotography - or the science of photographing flowers. Amer. For. 25: 1069-1077. illus. My.1919. no. 305

Ann. Inst. Pasteur
Mazé, P. M.
Recherche d'une solution purement minérale capable d'assurer l'évolution complète du mais cultivé a l'abri des microbes. Ann. Inst. Pasteur 33: 139-173 illus. Mr.1919. no.3.

Ann. Rep. Ariz. Agr. Exp. Sta.
Thornber, J.J.
(Report of the botanist, 1916/17) Ann. Rep. Arizona Agr. Exp. Stat. 28 (1916/17): 427-433 1917
Plant disease inquiries: p. 431-432.

Ann. Rep. Dept. Agr. Uganda Prot.
Small, W.
Annual report of the government botanist 1917/18 (Ann. Rep. Dept. Agr. Uganda Prot. 1917/18 p. 52 1918.

Atti R. Accad. Lincei V. Rend. Cl. Sci. Fis.,Mat. Nat.
Campbell, C.
Su di un caso di invasione di ruggine nera dei cereali "Puccinia graminis Pers." in Terra di Lavore. Atti R. Accad. Lincei V. Rend. Cl. Sci. Fis., Mat. Nat. 28 (1): 142-145. 1919. no.3/4.

Pantanelli, E.
Alterzioni del ricambio e della permeabilità cellulare a temperature prossime al congelamento Atti R. Accad. Lincei V, Rend. Cl. Sci. Fis. Mat. e Nat. 28 (1): 205-209 1919. no.5/6.

Biochem. Zeitschr.
Wehmer, C.
Versuche über blausäurewirkung auf pflanzen Biochem. Zeitschr. 29: 364-375. D.1918. no.5/6.

Blätt. Zuckerrübenb.

Fortschritte und neuerungen auf dem gebiete der rüben- und rübensamenzucht im jahre 1916 (Aus dem Jahresbericht der rübensamen-zuchtstation von Wohanka & Co. Prag) Blätt. Zuckerrübenb. 25: 146-147, 179-180. S.,N.1918. no. 17/18, 21/22.
b. Die krankheiten der Zuckerrüube. c. Krankheiten physiologischer natur.

Uzel, H.
Aus der phytopathologischen abteilung der Versuchstation für zuckerindustrie der Prag Blätt. Zuckerrübenb. 25: 163-164. O.1918 no.19/20
From "Prager zuckermarkt"

Bot. Gaz.
Bailey, I. W.
Depressed segments of oak stems. Bot. Gaz. 67: 438-441. illus. My.1919.

Evans, A. T.
Embryo sac and embryo of Pentstemon secundiflorus Bot. Gaz. 67: 427-437 pl. xii My.1919. no.5. (Literature cited: p. 436) (Contr. Hull Bot. Labor.248)

Haas, A. R. C.
Effect of anesthetics upon respiration Bot. Gaz. 67: 377-404 My.1919. no.5.
Literature cited: p. 402-404

Harvey, L.H.
A coniferous sand dune in Cape Breton Island. Bot. Gaz. 67: 417-426. illus. My.1919. no.5.

Harvey, R. B.
Importance of epidermal coverings Bot. Gaz. 67: 441-444 My.1919.

MacDougal, D. T.
Basis of succulence in plants Bot. Gaz. 67: 405-416 My.1919. no.5.
H. M. Richards & H. A. Spoehr joint authors

Brooklyn botanic garden record
Brooklyn botanic garden record v.8, no.2 Ap.1919
(Its Annual report, 8th, 1918)

Broteria Ser. Bot.
Henriques, J. A.
J. F. Cerrea de Serra Broteria Ser. Bot. 16: 104-112. Dec.1918. no.3.

Bull. Dept. Agr. Union So. Africa
Nomenclature of wheats grown in South Africa Bull. Dept. Agr. Union So. Africa no.1 1919 15 p. 1919

Van der Bijl, P. A.
Root disease in cane and suggestions for its control Bull. Dept. Agr. Union So. Africa no.4, 1918. 15 p. plates 1919
Some publications on root diseases: p.15
Marasmius sp.

Bull. Soc. Bot. Ital.
Trotter, A.
La Goa tef Zuccagni e l'Eragrostis abyssinica (Jacq.) Link Bull. Soc. Bot. Ital. 1918 p.61-63. no.4

Bull. Torr. Club
Evans, A. W.
A taxonomic study of Dumortiera. Bull. Torr. Club 46: 167-182 My.1919. no.5
Literature cited: p. 181-182

Pennell, F.W.
Notes on plants of the southern United States V Bull. Torr. Club 46: 183-187. My.1919. no.5.

Bull. Torr. Bot. Club
Stewart, E. G.
Mucilage or slime formation in the cacti. Bull. Torr. Bot. Club 46: 157-166 pl. 8 My.1919. no.5.

Calif. Agr. Exp. Stat. Bull.
Tufts, W. P.
Almond pollination Calif. Agr. Exp. Stat.Bull. 306: 335-366 illus. Mr.1919.

Compt. Rend. Acad. Sci. Paris
Morvillez, F.
L'appareil conducteur foliaire des légumineuses: papilionacées et minosées Compt. Rend. Acad. Sci. Paris 168: 787-790 illus. Ap.1919. no.15.

Skupienski, F. X.
Influence du milieu nutritif sur le développement des champignons myxomycètes Comp. Rend. Soc. Biol. Paris 82: 279-280 1919. no.11

Cornell Countrym.
Whetzel, H. H.
Cooperation among plant pathologists Cornell Countrym. 16: 13, 36, 38, 40. F.1919. no.1.

Country Life (Amer.)
Stack, G. M.
Getting two birds with one bush. Country Life (Amer.) v.35, no.5 p.43-45 illus. Mr.1919.
Berried shrubs, vines & trees for bird attraction

Dominica, Dept. of Agr.
Work connected with insect and fungus pests and their control, 1917/18 In its Rep. 1917/18 p.11-17. 1919.

Gard. Chron. III.
Bean, W. J.
Quercus coccifera, the Kermes oak Gard. Chron. III, 65: 195. illus. Ap.19, 1919.

Dykes, W. R.
Snowdrops. Gard. Chron. III, 65: 187-188 illus. Ap.19,1919 no.1686.

Phytophthora disease of tomatoes Gard. Chron. III, 65: 188-189. illus. Ap.19,1919. (signed R) (Phytophthora cryptogea)

Haw. For. & Agr.

Clark, B. O.
The so-called pineapple disease. Haw. For. & Agr. 2: 166 illus. Je.1905
Strangle root, sour soil &c.

Hedwigia

Blagaic, K.
Boletus conglobatus, eine neue species. Hedwigia 60: 10-11. Mr.1919. no.1/2.

Hieronymus, G.
Asplenioruм species novae et non satis notae, Beschreibungen von neuen arten und bemerkungen zu älteren arten der gattung Asplenium. Hedw. 60: 210-266 F.1919 no.5/6

Höhnel, F. von
Fungi imperfecti. Beiträge zur kenntnis derselben Hedwigia 60: 129-176, 177-208, 209 Jy., N. 1918. F.1919 no.3, 4, 5/6.

House & Gard.

Jennings, J.
The fifty best climbing roses, as selected after several years of tests and experiments with upward of two hundred and fifty varieties. House & Gard. v.35, no.6 p.19-21 illus. Je.1919

Illinois Agr. Exp. Stat. Bull.

Stevens, F.L.
An apple canker due to Cytospora Illinois Agr. Exp. Stat. Bull. 217: 365-379 illus., col. pl. My.1919
Bibliography: p. 377-379

Journ. Agr. Prat.

Marre, F.
Les vesces (concl.) Journ. Agr. Prat. 83 : 217-220 Ap.17,1919. no.11

Noffray, E.
Les pourridiés des arbres fruitiers. Journ. Agr. Prat. 83: 244-246 Ap.1919. no.12
Dematophora necatrix, Armillea mellea.

Vilmorin, J. de
Blés de printemps Journ. Agr. Prat. 83: 218-219 col. pl. Ap.1919 no.11.

Journ. Amer. Soc. Agron.

Cutler, G. H.
A dwarf wheat Journ. Amer. Soc. Agron. 11: 76-78 F.1919 no.2.

Hayes, H. K.
Rust resistance in timothy Journ. Amer. Soc. Agron. 11: 67-70. F.1919. no.2.
Literature cited: p. 69-70.
E. C. Stakman joint author
Paper no. 139 Journ. Ser. Minn. Agr. Exp. Stat.

Warburton, C. W.
The occurrence of dwarfness in oats. Journ. Amer. Soc. Agron. 11: 72-76 pl. 2 F.1919. no.2

Journ. Dept. Agr. Victoria

Brittlebank, C. C.
Tomato diseases Journ. Dept. Agr. Victoria 17: 231-235 Ap.1919 no.4
A new disease, "spotted wilt". "Repeated microscopical examinations and plate culture tests with various media have failed to disclose a causal organism".

Prescott, E. E.
The Australian flora from an ornamental aspect Journ. Dept. Agr. Victoria 17: 183-187, 242-245

Journ. Gen. Phys.
Osterhout, W. J. V.
Antagonism between alkaloids and salts in relation to permeability. Journ. Gen. Phys. 1: 515-519. My.1919. no.1.

Meded. Phytopath. Dienst Wagen.

Ziekten van aardappelknollen. Meded. Phytopath. Dienst Wagen. no.9 12,(3) p. iv pl. Mr.1919.

Minn. Agr. Exp. Stat. Bull.
Disby, G. R.
Studies on Fusarium diseases of potatoes and truck crops.in Minnesota Minn. Agr. Exp. Stat. Bull. 181 58 p. incl. plates Mr.1919.
Bibliography: p. 40-44

Naturwissenschaften
Vries, H. de
Das wandern der pflanzen Naturwissenschaften 7: 81-88 F.1919

New Phytol.
Kidd, F.
The influence of temperature on the soaking of seeds. New Phytol. 18: 35-39 Ja./F.1919. no.1/2. (Cyril West joint author)
Literature cited: p.39

Small, J.
The origin and development of the Compositae X New Phytol. 18: 1-35 6 pl. (maps) Ja./F.1919 no.1/2
Bibliography: p. 30-35
X. Geographica distribution of the Compositae

Stiles, W.
On the relation of plasmolysis to the shrinkage of plant tissue in salt solutions New Phytol. 18: 40-49 Ja./F.1919 no.1/2
Ingvar Jörgensen joint author

North American flora
North American flora v.24, pt. 1, p.1-64 Ap.25,1919.
Psoraleae, by P. A. Rydberg (Eysenhardtia by F. W. Pennell)

Nyt. Mag. Naturv.
Nordhagen, Rolf
Ranunculus cymbalária Pursh fundet i Norge Nyt. Mag. Naturv. 55: 119-145. illus. 1917.

Ohio Agr. Exp. Stat. Bull.
Selby, A. D.
Apple blotch a serious fruit disease. Ohio Agr. Exp. Stat. Bull. 333: 487-505 illus. F.1919
Phyllosticta solitaria

Parf. Mod.
Lorgues, J. de
Nos ressources végétales odorantes (suite) Parf. Mod. 12: 56, 70-71. Mr.,Ap.1919. no.3,4.

Proc. Roy. Soc. B,
Stiles, W.
The influence of external concentration on the position of the equilibrium attained in the intake of salts by plant cells. Proc. Roy. Soc. B, 90: 448-470 Ap.1919. no.632.
Literature cited: p. 469-470
Franklin Kidd, joint author

Rep. Dept. Sci. & Agr. Brit. Guiana
Rancroft, C.K.
Report on the working of the botanic gardens... Rep. Dept. Sci. & Agr. Brit. Guiana 1917 p.45-52. 1919. (Includes plant diseases)

Rev. Agr. Puerto Rico
Stevenson, J. A.
La enfermedad de lás raices de la caña Rev. Agr. Puerto Rico 1: 269-279 illus. S./O.1918. no.6.

Rev. Hort. Algérie
L'asperge Washington, son immunité vis â vis de la rouille. Rev. Hort. Algérie 23: 219. F./Mr.1919 no.2/3

Rev. Vitic.
Quelques notes sur le parasitisme et le traitement de Lathraea clandestina. Rev. Vitic. 50: 21 col. pl. Ap.3,1919. no.1292

Rhodora
Farwell, O.A.
Necessary changes in botanical nomenclature Rhodora 21: 101-103 My.1919

Fernald, M.L.
Bidens connata Muhl. var. gracilipes n. var. Rhodora 21: 103-104 My.1919. no.244

Fernald, M. L.
Rubus idaeus and some of its variations in North America. Rhodora 21: 89-98 Mr.1919. no.245

Weatherby, C. A.
Further notes on Impatiens biflora. Rhodora 21: 98-100 illus. My.1919.

Science
Lee, H. A.
The susceptibility of a non-rutaceous host to citrus canker. Science 49: 499-500 My.23,1919
E. D. Merrill joint author

Soil Sci.
Johnson, J.
The influence of heated soils on seed germination and plant growth. Soil Sci. 7: 1-103 incl. 8 pl. Ja.1919. no.1. (References: p. 84-87)

K. Svenska Vetensk. Handl.
Dahlgren, K. V. O.
Zytologische und embryologische studien über die reihen Primulales und Plumbaginales K. Svenska Vetensk. Handl. v.56, no.4 80 p. 3 pl. 1916
Literaturverzeichnis: p. 74-77

Skottsberg, C.
Die vegetationsverhältnisse länge der Cordillera de los Andes S. von 41 S. Dr. Ein beitrag zur kenntnis der vegetation in Chiloé, West-Patagonien, dem Andinen Patagonien und Feurerland. K. Svenska Vetensk. Akad. Handl. v.56, no.5 366 p. 23 pl. 1916
Literaturverzeichnis: p. 353-358.
Forms no. V of Botanische ergebnisse der Schwedischen expeidition nach Patagonien und dem Feuerlande 1907-09

Trav. et Notices Acad. Agr. France
Daniel, L.
La maladie du chêne, ses causes et son remède "le blanc"
Trav. et Notices Acad. Agr. France 1: 423-440 1918

U. S. Dept. of Agr. F. B.
Stakman, E. C.
Destroy the common barberry. Farmers' Bull. no. 1058 12 p. illus. My.1919.

Recent Books.

99.9
In25D
no.3
Deam, C. C.
Trees of Indiana. Mr.1919.
299 p. illus. (State Bd. For. Indiana Bull.no.3)

79
F92
Fron, G.
Plantes nuisibles. 1917.

308
P24
Parry, E. J.
Chemistry of essentials oils. 3d ed. v.1. 1918.

75
Sa5V
Sanders, T.W.
Vegetables and their cultivation. 4th ed. 1918.

464.1
St42
Sternon, F.
Une maladie nouvelle du Dahlia Bruxelles,1918.
5 p. pl.
Entyloma calendulae f. sp. dahliae

Bureau of Plant Industry Library.
Current Author Entries, 1919, No. 10.
(Indexed June 9 - June 20, 1919)

(During the summer months this list will appear at irregular intervals.)

Amer. Journ. Bot.

Lutman, B. F.
Osmotic pressures in the potato plant at various stages of growth. Amer. Journ. Bot. 6: 181-202 My.1919. (Literature cited: p.202) No.5

Rock, J. F.
Cyrtandreae hawaiienses, sect. microcalyces Hillebr. Amer. Journ. Bot. 6: 203-216. pl. xxix-xxxii My.1919. No.5.

Amer. Nat.

Allard, H. A.
Gigantism in Nicotiana tabacum and its alternative inheritance Amer. Nat. 53: 218-233 My./Je.1919 Literature cited: p.233 No.626.

Allard, H. A.
The Mendelian behavior of aurea character in a cross between two varieties of Nicotiana rustica Amer. Nat. 53: 234-238. My./Je.1919.

Arber, Agnes
On heterophylly in water plants Amer. Nat. 53: 272-278 My./Je.1919. No.626.

Jones, D. F.
Some factor relations in maize with reference to linkage. Amer. Nat. 53: 239-246 My./Je.1919
Literature cited: p.246
C. A. Gallastegui joint author

Weatherwax, Paul
The morphological basis of some exrerimental work with maize. Amer. Nat. 53: 269-272. My./Je. 1919.

Woodruff, L. L.
Hooke's Micrographia Amer. Nat. 53: 247-264, illus., facsim. My./Je.1919 no.626.

Anales Mus. Nac. Hist. Nat. Buenos Aires

Hauman, L.
Catalogue des phanerogames de l'Argentine. Anales Mus. Nac. Hist. Nat. Buenos Aires 29: 1-351. 1917

Hauman, L.
Notes floristiques quelques cryptogames, gymnospermes et monocotylédones de l'Argentine Anales Mus. Nac. Hist. Nat. Buenos Aires 29: 391-444 illus. iv pl. 1917

Hauman, L.
Quelques orchidées de l'Argentine Anales Mus. Nec. Hist. Nat. Buenos Aires 29: 353-389 illus. 1917.

Spegazzini, C.
Revisión de las Laboubeniales argentinas Anales Mus. Nac. Hist. Nat. Buenos Aires 29: 445-688 illus. 1917.

Ann. Missouri Bot. Gard.

Burt, E. A.
Merulius in North America, supplementary notes Ann. Missouri Bot. Gard. 6: 143-145. Ap.1919. No.2.

Duggar, B. M.
Seed disinfection for pure culture work: the use of hypochlorites. Ann. Missouri Bot. Gard. 6:159-170 Ap.1919. (Anne W. Davis joint author)

Ann. Missouri Bot. Gard. (cont.)
Schmitz, H.
The relation of bacteria to cellulose fermentation induced by fungi, with special reference to the decay of wood Ann. Missouri Bot. Gard. 6: 93-136 Ap.1919. No.2.
Is "Studies in the physiology of the fungi" VI

Young, H. C.
Seed disinfection for pure culture work. Ann. Missouri Bot. Gard. 6: 147-158 Ap.1919.
Bibliography: p.158

Zeller, S. M.
Growth of wood-destroying fungi on liquid media. Ann. Missouri Bot. Gard. 6: 137-142. Ap.1919.
H. Schmitz & B. M. Duggar joint authors
Is "Studies in the physiology of the fungi"VII

Ann. Rep. Ontario Agr. Coll. & Exp. Farm
(Howitt, J.E.)
Botany 1918. Ann. Rep. Ontario Agr. Coll. & Exp. Farm 44: 18-24; 1919

Ark. Bot.
Eriksson, J.
Zwei Russische gymnosporangieen, eine biologisch-systematische studie Ark. Bot. v.15, no.20 23 p. 3 pl. (1 col.) 1919.) (Literaturverzeichnis: p.21) (Gymnosporangium taruicum n. sp.) (G. oxycedri on Juniperus oxycedrus, G. tauricum on Juniperus excelsa.

Ber. Deut. Bot. Ges.
Dittrich, G.
Ueber vergiftungen durch pilze der gattungen Inocybe und Tricholoma Ber. Deut. Bot. Ges. 36: 456-459 Ja.1919. No.8

Höhnel, F. von
Ueber discomyceten vortäuschende microthyriaceen Ber. Deut. Bot. Ges. 36: 465-470 Ja.1919. No.8.

Meyer, A.
Die beziehung zwischen eiweiss- und säurebildung in laubblättern Ber. Deut. Bot. Ges. 36: 508-514 1918. no.8. (Literature: p.513-514.)

Nienburg, Wilhelm
Ueber phototropische krümmungen an längsseitig zum teil verdunkelten avena-koleoptilen Ber. Deut. Bot. Ges. 36: 491-500 illus. Ja.1919. (Literatur: p.500)

Renner, O.
Bemerkungen zu der abhandlung von Hugo de Vries: Kreuzungen von Oenothera lamarckiana mut. velutina Ber. Deut. Bot. Ges. 36: 446-456 Ja.1919. no.8.

Urban, I.
Ueber zwei euphorbiaceen-gattungen. Ber. Deut. Bot. Ges. 36: 501-507. pl. xvi. Ja.1919.
Cubincola trimera, Leucocroton

Ursprung, A.
Ueber den einfluss der erwärmung auf die wasseraufnahme untergetauchter sprosse. Ber. Deut. Bot. Ges. 36: 514-528 Ja.1919 no.8.
Bibliographical foot notes

Wehmer, C.
Leuchtgaswirkung auf pflanzen. 5. Wirkung auf holzpflanzen; blausäure als schädlichster gasbestandteil Ber. Deut. Bot. Ges. 36: 460-464 Ja.1919. no.8.

Bol. Agr. São Paulo
Averna-Sacca, R.
As molestias da pereira Bol. Agr. São Paulo 20: 47-53 Ja./Mr.1919 no.1/3

Bot. Mag. Tokyo

Kihara, H.

Ueber cytologische studien bei einigen getreidearten. Mitteilung II. Chromosomenzahlen und verwandtschaftsverhältnisse unter Avena-arten. Bot. Mag. Tokyo 33: 94-97 illus. [Ap.] 1919 no.388

Koidzumi, G.

Original description of some remarkable rosaceous plant s of East Asia. Bot. Mag. Tokyo 33: (76)-(77). [Ap.] 1919 (In Japanese & English) no.388

Prunus salicina, Pyrus sinensis

Bot. Not.

Åkerman, Å

Ueber die bedeutung der art des auftauens für die erhaltung gefrorener pflanzen. Bot. Not. 1919 p.105-126 (Literatur: p. 125-126) no.3.

Bull. Misc. Inform Kew.

Holland, J. H.

Food and fodder plants Bull. Misc. Inform. Kew 1919 p.1-84. no.1/2.

Literatur (partial list): p.82-84

Hutchinson, J.

Brimstone tree of Sierra Leone Bull. Misc. Inform. Kew 1919 p.103-104. no.1/2.

Mitragyne stipulosa (note by C.E.Lane-Poole)

Kew. Royal botanic gardens. Pathological laboratory

[Report, 1918] Bull. Misc. Inform. Kew 1919 p. 90-95

Abridged in Journ. Bd. Agr. Gt. Brit. 26: 174-178. 1919.

Perez, G. V.

Echium decaisnei and E. giganteum Bull. Misc. Inform. Kew 1919: 100-101 no.1/2

Bull. North Terr. Austr.

Hill, G. F.

History of citrus canker in the Northern Territory (with notes of its occurrence elsewhere) Bull. North. Terr. Austr. 18. 8 p. 3 pl. on 2 O.1918. (Literature: p. 7-8)

Caption title: History of citrus canker in Australia, with a brief account of the occurrence of the disease in the United States of America and South Africa.

Bull. Soc. Bot. Genève

Chirtoiu, M.

Observations sur les Lacistema et la situation systématique de ce genre. Bull. Soc. Bot. Genève II, 10: 317-361. illus. 1918. No.5/9.

Running title: Lacistémacées et Symplocacées.

Lendner, Alfred

Les mucorinées géophiles récoltées à Bourg-Saint-Pierre Bull. Soc. Bot. Genève II, 10: 362-376. illus. 1918. no.5/9.

Mucor jauchae, M. vallesiacus n. sp.

Bull. Soc. Nat. Acclim. France

Vayssière, P.

Sur les champignons parasites des insectes. Bull. Soc. Nat. Acclim. France 66: 33-37 F.1919. no.2.

Bull. Wisc. State Dept. Agr.

Ball, E. D.

Eradication of barberry in Wisconsin. Bull. Wisc. State Dept. Agr. 20 (Biennial Rep. 1917-18): 44-56 illus. D.1918

S. B. Fracker joint author

Bull. Wisc. State Dept. Agr. (cont.)
Ball, Elmer D.
White pine blister rust Bull. Wisc. State Dept. Agr. 20 (Bienn. Rep. 1917/18): 40-43. illus. D.1918
S. B. Fracker joint author

Dickson, J. G.
Studies on stem rust in Wisconsin 1918 Bull. Wisc. State Dept. Agr. 20 (Bienn. Rep. 1917-18): 56-60 D.1918. (A.G.Johnson joint author)

Compt. Rend. Soc. Biol.
Mangenot, A.
Sur la formation des asques chez Endomyces lindneri (Saïto)(cont)Compt. Rend. Soc. Biol. 82: 477-481. illus. 1919. no.13

Garden
Dykes, W. R.
Anemone pulsatilla and A. montana Garden 83: 200 My.3,1919. no.2476

Hornibrook, M.
Dwarf and slow-growing conifers I- Garden 83: 192-193, 200-202, 224-225 no.2475-6

Jacob, J.
Lachenalia's Garden 83: 175-176. illus. Ap.19,1919. no.2474

Rolfe, R. A.
The Colombian raspberry Garden 83: 222 My.17,1919. no.2478
Note on A.J.Russell's The origin of the Loganberry, thinks his berry is the Colombian raspberry.

Russell, A. J.
The origin of the Loganberry. Garden 83: 198 My.3,1919. no.2475
Loganberry growing wild in Colombia.

Gard. Mag.
Dunbar, J.
New mockoranges with large flowers. Gard. Mag. 29: 198-200. illus. Je.1919. no.5.

Gard. Chron. III.
Druery, C. T.
The British shield ferns. Gard. Chron. III, 65: 200 illus. Ap.26,1919. no.1689.

Durham, H. E.
What is a broccoli ? Gard. Chron. III, 65: 243-244. My.17,1919. no.4090.

Grove, A.
Lilies in 1918 Gard. Chron. III, 65: 211-212 illus. My.3,1919. no.1688

Hacienda
Cunliffe, R. S.
El cultivo de los citrus III Hacienda 14: 281-282 illus. Je.1919. no.9.

Irving, W.
Erythronium. Gard. Chron. III, 65: 242 illus. My.17,1919. No.4090.

Ill. Agr. Exp. Stat. Bull.
Stevens, F. L.
Black spot of onion sets. Illinois Agr. Exp. Stat. Bull. 220: 505-532 illus. My.1919 (E.Y.True joint author) (Bibliography: p.532)
Perithecial fungus, new genus Cleistothecopsis, type, C. circinans
Conidial form, Volutella circinans comb. nov.

Journ. Agr. Gt. Brit.

Cotton, A. D.
Onion smut: a disease new to Britain Journ. Agr. Gt. Brit. 26: 168-174. pl. My,1919. no.2

Journ. Bd. Agr. Gt. Brit.

Gt. Brit. Board of Agriculture
Silver leaf in fruit trees Journ. Bd. Agr. Gt. Brit. 26: 162-168 pl. My.1919. no.2.
Also issued as Leaflet 202

Journ. For.

Pierce, R. G.
The need of state and national quarantines to prevent rapid spread of chestnut blight to southern states Journ. For. 17: 449-451. Ap.1919

Journ. Genetics

Bateson, W.
Studies in variegation I Journ. Gen. 8: 93-99 illus., col. pl. iii-iv Ap.1919 no.2.

Harland, S. C.
Inheritance of certain characters in the cowpea (Vigna sinensis) Journ. Gen. 8: 101-132 no.2. Ap.1919.

Salmon, E.S.
On forms of the hop (Humulus lupulus L.) resistant to mildew (Sphaerotheca humuli (DC.) Burr.) II. Journ. Gen. 8: 83-91. Ap.1919. no.2.

Winge, O.
On the relation between number of chromosomes and number of types in Lathyrus especially Journ. Gen. 8: 133-138 pl. v Ap.1919. no.2.

Journ. Hered.

Blakeslee, A. F.
A unifoliolate mutation in the adzuki bean. Journ. Hered. 10: 153-155 Ap.1919. no.4.

Collins, G. N.
A fossil ear of maize, first tangible evidence of the existence of Indian corn in geologic times Journ. Hered. 10: 170-172. illus. Ap.1919.

Davis, R. L.
A plants breeder's envelope Journ. Hered. 10: 168-169. illus. Ap.1919. no.4.

Hunnicutt, B. H.
A forage plant from the Solanaceae family. Journ. Hered. 10: 184-187 illus. Ap.1919 no.4.

Roberts, H. F.
The founders of the art breeding II Journ. Hered. 10: 147-152. illus., port. Ap.1919. no.4.

Southworth, W.
Twinning in alfalfa Journ. Hered. 10: 182-183. illus. Ap.1919. no.4.

Meded. Rijks Herb. Leyden

Hallier, Hans
Die botanische ergebnisse der Elbert'schen Sunda-expedition des Frankfurter wereins für geographie und statistik III Meded. Rijks Herb. Leyden no.37 92 p. 1918.

Hallier, Hans
Ueber Patrick Browne's gattungen zweifelhafter stellung Meded. Rijks Herb. Leyden no.36 6 p. 1918.

Meded. Rijks Herb. Leyden

Hallier, H.

Ueber Aublet's gattungen unsicherer oder unbekannter stellung und über pflanzengeschichtliche beziehungen zwischen Amerika and Afrika Meded. Rijks Herb. Leyden no. 35 43 p. 1918.

Henrard. J. Th

Lepidium flavum Torrey var. apterum nob. Meded. Rijks Herb. Leyden no.34 2 p. illus., 1918. (A. Thellung joint author)

Herzog, Theodor

Die von Dr. Th. Herzog auf seiner zweiten reise durch Bolivien in den jahren 1910 und 1911 gesammelten pflanzen I- Meded. Rijks Herb. Leyd. no. 19, 27, 29, 33

Herzog, T.

Die von Dr. Th. Herzog auf seiner zweiten reise durch Bolivien in den jahren 1910 und 1911 geseammelten pflanzen III-IV. Meded. Rijks Herb. Leyden no. 29, 33 1916-18.

Smith, J. J.

Einige ericaceen des Leidener herbariums. Meded. Rijks Herb. Leyden no.30 10 p. illus., pl. 1916.

Gaultheria intermedia, Vaccinium besagiense, V. longitubulosum, V. myrtoides var. celebicum, V. lucidum var. pumilum.

Mycologia

Atanasoff, D.

A novel method of ascospore discharge Mycologia 11: 125-138 illus. My.1919. no.3.

Fraser, W. P.

Cultures of heteroecious rusts in 1918. Mycologia 11: 129-133 My.1919. no.3.

Graves, A. H.

Some diseases of trees in greater New York Mycologia 11: 111-124 pl. 10 My.1919. no.3.

Bibliographical foot notes

Güssow, H. T.

The Canadian tuckahoe Mycologia 11: 104-110 pl. 7-9 My.1919 no. 3. (Grifola tuckahoe sp. nov.)

Bibliography: p. 109

Kern, F. D.

North American rusts on Cyperus and Eleocharis Mycologia 11: 134-147 My.1919. no.3.

Puccinia abrepta, P. liberta, Uredo incomposita new spec., Puccinia cyperi-tagetiformis comb. nov.

Murrill, W. A.

Illustrations of fungi XXX Mycologia 11: 101-103 col. pl. 6 My.1919. no.3.

Tanska, T.

New Japanese fungi, notes an d translations VII. Mycologia 11: 148-154. My.1919. no.3.

Geogr. Rev.

Nichols, G. E.

Raised bogs in eastern Maine. Geogr. Rev. 7: 159-167. illus. Mr.1919. no.3.

New Zeal. Journ. Dept. Agr.

Paynter, L.

Control of black-spot of pear New Zeal. Journ. Dept. Agr. 18: 221-223 Ap.1919. no.4.

Physis

Hicken, C. M.

Plantas del rio Negro recogidas por el profesor Augusto C Scala. Physis 4: 296-311 D.1918. no.17.

Physis

Parodi, L. R.
Notas preliminares sobre las chlorideas de la República Argentina Physis 4: 167-185 illus., D.1918 no.17

Spegazzini, C.
Notas micológicas Physis 4: 281-295 D.1918. no.17. (Many new genera)

Phytopath.

Bethel, E.
Puccinia subnitens and its aecial hosts II Phytopath. 9: 193-201 My.1919. no.5.

Galloway, B. T.
Giant crowngalls from the Florida everglades Phytopath. 9: 207-208 pl. x My.1919 no.5.
On Hippocratea volubilis & Ficus aurea

Giddings, N. J.
A comparison of the late blights of tomato and potato. A preliminary report. Phytopath. 9: 209-210 pl. xi My.1919. (Anthony Berg joint author)

Hunt, N. R.
The "iceless refrigerator" as an inoculation chamber. Phytopath. 9: 211-212. pl. xii My.1919. no.5.

Lyman, G. R.
The advisory board of American plant pathologists Phytopath. 9: 202-206 My.1919 no.5.
Direct successor of the War emergency board.

Potato Mag.

Orton, W. A.
Protect seed potatoes against disease. Selecting seed for planting, use of corrosive sublimate and formaldehyde for surface diseases. Potato Mag. 1: 6-7 illus. My.1919: no.11.

Progr. Agr. et Vitic.

Trabut, L.
Le Sapindus ou savonnier, (Sapindus mukorosi utilis) Progr. Agr. et Vitic. 71: 398-401 Ap.27,1919. no.17.

Rec. Trav. Bot. Néerl.

Hallier, H.
Ueber Gaertner'sche gattungen und arten unsicherer stellung, einige rubiaceen, sapotaceen, cornaceen und über versunkene querverbindungen der tropenländer Rec. Trav. Bot. Néerl. 15: 27-122 1918. (Bibliographical foot notes). no.1.

Stomps, T. J.
Vergrünung als parallele mutation Rec. Trav. Bot. Neerl. 15: 17-26 illus., pl. 1 1918. no.1.
Bibliographical foot notes

Tammes, T.
Eine neues, einen blauen farbstoff erzeugendes chromogen bei Galanthus nivalis und einigen anderen species desselben genus Rec. Trav. Bot. Néerl. 15: 1-16 1918. no.1.

Rep. Dominion Exp. Farm.

Canada. Dominion experiment farm
[Report] Division of botany 1916/17-17/18 Rep. Dom. Exp. Farm. 1916/17 p.40-41. 1918; 1917/18 p.38-41. 1918.
H. T. Güssow, botanist 1916/17
J. H. Grisdale acting botanist 1917-18

Rep . Mich. Acad. Sci.

Bennett, C. W.
Soft rot of pepper caused by Bacillus carotovorus Rep. Mich. Acad. Sci. 20: 351-352. pl. xxxviii 1918

Bonar, L.
The rusts of the Douglas Lake region Rep. Mich. Acad. Sci. 20: 277-278 1918.

Brandes, Elmer W.
Distribution of Fusarium cubense, E.F.S., the cause of banana wilt. Rep. Mich. Acad. Sci. 20: 271-275 1918

Brotherton, W. E.
Note on inheritance in Phaseolus Rep. Mich. Acad. Sci. 20: 152. 1918.

Coons, G. H.
Michigan plant disease survey for 1917 Rep. Mich. Acad. Sci. 20: 425-450 pl. xli-l. 1918
Literature cited: p. 448-449

Coons, G. H.
The soft rot of hyacinth. Rep. Mich. Acad. Sci. 20: 353-354 pl. xxxix-xl 1918

Clark, F. R.
Bud formation of plant hypocotyls. Rep. Mich. Acad. Sci. 20: 146. 1918.

Cobb, F.
A case of Mendelian segregation in Oenothera pratincola. Rep. Mich. Acad. Sci. 20: 151-1918. (H. H. Barlett joint author)

Farwell, O. A.
Notes on the Michigan flora Rep. Mich. Acad. Sci. 20: 161-198 1918.

Farwell, O. A.
The Trillium grandiflorum group Rep. Mich. Acad. Sci. 20: 155-159 1918

Farwell, O. A.
The yellow flowered cypripediums Rep. Mich. Acad. Sci. 20: 197-198. 1918.
Cypripedium pubescens var. makasin n. var.

Gates, F. C.
A comparison of the trees found in cemeteries of Hancock county, Illinois with the native trees of the same region Rep. Mich. Acad. Sci. 20: 245-246 1918

Kitchin, P. C.
The relation between the structures of some coniferous woods and their penetration by preservatives Rep. Mich. Acad. Sci. 20: 203-221. pl. xi-xii 1918. (Literature cited: p.213)

Kotila, J. E.
Frost injury of potato tubers. Rep. Mich. Acad. Sci. 20: 451-460 pl.,li-lii 1918
Bibliography: p. 459

Kraemer, H.
Cultivation of medicinal plants Rep. Mich. Acad. Sci. 20: 199-202 1918

Makemson, W. K.
The leaf mold of tomatoes caused by Cladosporium fulvum Cke. Rep. Mich. Acad. Sci. 20: 309-348 pl. xxiii-xxxvii 1918. (Literature cited: p.345-347)

Rep. Mich. Acad. Sci. (cont.)

Newcombe, F. C.
Behavior of plants in unventilated chambers. Rep. Mich. Acad. Sci. 20: 145-146. 1918
Abstract
Plants are not benefited by ventilation as men are

Pengelly, M.
Demonstration methods for the study of stomatal action Rep. Mich. Acad. Sci. 20: 154. 1918.

Pollock, J. B.
The longevity in the soil of the Sclerotinia causing the brown rot of stone fruits. Rep. Mich. Acad. Sci. 20: 279-280 1918

Seeley, D. A.
The length of the growing season in Michigan Rep. Mich. Acad. Sci. 20: 223-232 1918

Waterman, W. G.
Ecology of the pine forest relic at Interlochen Michigan Rep. Mich. Acad. Sci. 20: 241-244 pl. xiv-xv 1918

Woodcock, E. F.
Structure of mature seed of Eriogonum microthecum Rep. Mich. Acad. Sci. 20; 233-236 pl. xiii 1918
Literature cited: p. 235

Rep. Progr. Agr. India

India. Dept. of agriculture
Mycology and plant pathology Rep. Progr. Agr. India 1917/18 p. 78-85 1919

Rev. Agr. Colombia

Mawe, D. T.
Cultivo de la citronella y del limoncillo, y destilación del aceite Rev. Agr. Colombia 10: 693-703. illus. N.1918. no.11.

Rev. Agr. Puerto Rico

Matz, J.
Algunas observaciones respecto a la sarna (scab) del citro en Puerto Rico. Rev. Agr. Puerto Rico 2: 40-41 F.1919. no.3.

Matz, J.
Enfermedad de la raíz de la caña de azúcar Rev. Agr. Puerto Rico 2: 38-39 F.1919. no.3

Rev. Gén. Sci.

Péchoutre, F.
Revue de botanique Rev. Gén. Sci. 30: 242-250 Ap.1919. no.8. (Bibliographical foot notes)

Rhodora

Farwell, O. A.
Tsuga americana (Mill.) Farwell, a final word Rhodora 21: 108-109 Je.1919

Fernald, M. L.
Panicum sect. capillaria in New England. Rhodora 21: 110-114. Je.1919. (P. tuckermani n. sp.) no.246.

Long, B.
Jasione montana, a conspicuous weed near Lakewood New Jersey. Rhodora 21: 105-108 Je.1919. no.246.

Woodward, R. W.
Some Connecticut plants Rhodora 21: 114-116 Je.1919. no.246.

Science

Braun, H.
Presoaking as a means of preventing seed injury due to disinfectants and of increasing germicidal efficiency. Science 49: 544-545. Je.6,1919. no.1275

Cockerell, T. D. A.
Sir Joseph Hooker, Science 49: 525-530 Je. 6, 1919 no.1275
Review of "Life and letters of Sir Joseph Dalton Hooker, by Leonard Huxley"

Trav. et Not. Acad. Agr. France

Vilmorin, Philippe Lévêque de
Recherches sur l'emploi des plants do pommes de terre imparfaitement murs Trav. et Not. Acad. Agr. France 1: 207-266 1918
Bibliographie: p. 265-266

Recent Books

460.46 B46 — Bows, J. W.
The grasses and grasslands of South Africa 1918

290 C18 — Carey, A. E.
Tidal-lands 1918.
F. W. Oliver joint author
Many notes on strand flora, marsh plants &c

464.4 D76 — Dowson, W. J.
Three sprays for coffee affected with Hemileia vastatrix and other fungous diseases Nairobi, 1916. 4 p.

Levine, M. N.
The epidemiology of cereal rusts in general and of black stem rust in particular. Washington D.C., Ja.1919. (78 numb. leaves) (Mimeographed)
Bibliography: p. 45-56

463 P411 — Percival, John
Agricultural botany 5th ed. 1918.

Webster, A. D.
452.3 W39C — Coniferous trees. 1918

U. S. Dept. of agriculture. Bur. of plant industry (Office of plant-disease survey)
Potato wart - a dangerous new disease.
U. S. Dept. Agr. Circ. 22 4 p. illus. My.12,1919.

Library

Agr. Journ. India

India. Board of agriculture
Sectional meetings of the Board of agriculture in India II. The 2d mycological meeting. Agr. Journ. India 14: 233-240 Ap.1919. pt.2.

Amer. Midl. Nat.

Bush, B. F.
The Missouri Muhlenbergias. Amer. Midl. Nat. 6: 19-28. no.2.

Ann. Bot.

Arber, Agnes
On the law of age and area, in relation to the extinction of species. Ann. Bot. 33: 211-214. Ap.1919. no.130.
Literature cited: p. 214.

Haines, F. M.
A new auxanometer Ann. Bot. 33: 181-188 illus. Ap.1919. no.130.

Tuttle, G. M.
Induced changes in reserve materials in evergreen herbaceous leaves. Ann. Bot. 33: 201-210 illus. Ap.1919. no.130. (Bibliography: p. 210)

Alabama Agr. Exp. Stat. Circ.

Peltier, G. L.
Report of plant pathologist 1918 Ann. Rep. of the director of the Experiment station on work done under the local experiment law in 1918 Alabama Agr. Exp. Stat. Circ. 40: 30 1919.

Better fruit

Winston, J. R.
The field testing of copper-spray coatings on foliage. Better fruit v.13, no.12m p. 9 Je.1919. (H.R.Fulton joint author)
This article should be "continued on page 31" but there is no p. 31.

Bot. Gaz.

Bailey, I. W.
Structure, development and distribution of so-called rims or bars of Sanio Bot. Gaz. 67: 449-468 pl. xiii-xv. Je.1919. no.6.
Literature cited: p. 465-466

Clayton, E. E.
Hydrogen cyanide fumigation Bot. Gaz. 67: 483-500 illus. Je.1919.
Literature cited: p. 500
Contr. Hull Bot. Labor. 249.

Steil, W. N.
Apospory in Pteris sulcata L. Bot. Gaz. 67: 469-482 illus. pl. xvi-xvii Je.1919
Literature cited: p. 480-481

Tehon, L. R.
Studies on some Porto Rican fungi Bot. Gaz. 67: 501-511 pl. xviii Je.1919. no.6.

Bull. Jard. Bot. Buitenz. II.

Valeton, T.
New notes on the Zingiberaceae of Java and Malaya. Bull. Jard. Bot. Buitenz. II, 27 166, (2) p. xxx pl. 1910

Bull. Misc. Inform.

Barker, B. T. P.
Arthur Eckley Lechmere Bull. Misc. Inform. 1919 p. 164-168 no.3.
Includes note by Guy Neville on work done by Dr. Lechmere at Ruhleben.

Bull. Misc. Inform. Kew

Hemsley, W. B.
Flora of Aldabra: with notes on the flora of the neighbouring islands. Bull. Misc. Inform. Kew 1919 p. 108-153 illus. (map) no.3.
Bibliography: p. 152-153

Hutchinson, J.
The rain tree of Hierro, Canary Islands (Oreodaphne foetans) Bull. Misc. Inform. Kew 1919 p.153-164 illus. no.3

Turrill, W. B.
Contributions to the flora of Macedonia II Bull. Misc. Inform. Kew 1919 p.105-108 no.3.

Bull. Mus. Hist. Nat. Paris

Biers, P.
Recherches sur la longévité des spores chez certaines espèces de mucorinées Bull. Mus. Hist. Nat. Paris 1918 p.297-300 no.4.

Bois, Desiré
Sur l'obligation de conserver au crosne le nom de Stachys affinis Bunge. Bull. Mus. Hist. Nat. Paris 1918 p.149 no.2.

Cardet, Jules
Note sur des rosacées d'Extrême-orient II-[IV] Bull. Mus. Hist. Nat. Paris 1917 p. 113-129, 272-311 1918. p.63-87. 1917 no.2,4. 1918, no.1.

Gagnepain, F.
Cucurbitacées nouvelles de l'herbier du Muséum Bull. Mus. Hist. Nat. Paris 1918 p. 371-380. no.5.

Gagnepain, F.
Le genre Thorelia, des lythracées, est un Tristania, des myrtacées Bull. Mus. Hist. Nat.Paris 1917 p. 410-411 no.6.

Gagnepain, F.
Revision des Thladiantha asiatiques du Muséum Bull. Mus. Hist. Nat. Paris 1918 p.287-296. no.4.

Lecomte, H.
A propos d'une sapotacée du Tonkin (le cay sen) Bull. Mus. Hist. Nat. Paris 1917 p.547-554 illus.
Bassia pasquieri (M. Dub.) J. Lec. emend. Illipe tonkinensis Pierre mss. no.7.

Lecomte, H.
Le "capucin" des Seuchelles Bull. Mus. Hist. Nat. Paris 1918 p.284-286 no.4.
Northea brevitubulata n. sp.

Lecomte, H.
Une nouvelle plante à fleurs épiphylles Bull. Mus. Hist. Nat. Paris 1918 p.55-62. illus. no.1.
Phylloclinium bracteatum

Lecomte, H.
Les sapotacées du genre Baillonella. Bull. Mus. Hist. Nat. Paris 1918 p. 142-148 no.2.

Lemoine, P.
Les mélobésiées des Antilles danoises récoltées par M. Boergesen Bull. Mus. Hist. Nat. Paris 1917 p. 133-136

Bull. Soc. Bot. Ital.

Cozzi, C.
Secondo manipolo di funghi della pianura Milanese Bull. Soc. Bot. Ital. 1918 p. 84-88 no.6.

Savelli, M.
Appunti micologici VII. Micromiceti raccolti presso Castelvecchio di Vellano (Lucca) Bull. Soc. Bot. Ital. 1918 p. 69-82. no.5-6.

Bull. Soc. Hist. Nat. Afr. Nord.

Maire, R.
L'influence de la lumière sur la fructification d'une agaricacée en culture pure. Bull. Soc. Hist. Nat. Afr. Nord. 10: 94-106 pl. 1 My.1919
Dr. Miramond de Laroquette joint author
Index bibligraphique: p. 105-106

Trabut, L.
Observations sur la descendance de Citrus hybrides Bull. Soc. Hist. Nat. Afr. Nord 10: 89 My.1919. no.5.

Bull. Soc. Mycol. France

Chenantais, J. E.
Etudes sur les pyrénomycètes (suite) Le génre Lophio trema. Bull. Soc. Mycol. France 34: 123-136 illus. F.1919. no.3/4

Chifflot, J.
Sur la présence de l'erget de seigle sur le blé dit du Manitoba. Bull. Soc. Mycol. France 34: 192-194 pl. viii F.1919. no.3/4.

Dufrenoy, J.
Une sphériacée parasite des feuilles d'arbousier. Bull. Soc. Mycol. France 34: 99-100. illus. F.1919. no.3/4. (Guignardia sp., n. sp.?)

Dufour, L.
Annamites et amanites. Bull. Soc. Mycol. France 34: 202-204 F.1919

Dumée, P.
Quelques mots sur le Nidularia confluens Fr. Bull. Soc. Mycol. France 34: 97-98 F.1919. no.3/4.

Guilliermond, A.
Zygosaccharomyces nadsonii: nouvelle espèce de levures à conjugaison hétérogamique. Bull. Soc. Mycol. France 34: 111-122 illus., pl. iv-vii F.1919. no.3/4.

Moreau, F.
Notions de technique microscopique - application à l'étude dés champignons. Bull. Soc. Mycol. France 34: 137-191. illus. F.1919. no.3/4

Patouillard, N.
Sur deux formes conidiennes de poro-hydnés Bull. Soc. Mycol. France 34: 198-201 illus. F.1919.

Vincens, F.
Valeur taxinomique d'une particularité de la structure des ascospores chez les Xylariacées Bull. Soc. Mycol. France 34: 101-109 illus. F.1919. no.3/4

Calif. Agr. Exp. Stat. Bull.

Tufts, W. P.
Pollination of thé Bartlett pear Calif. Agr. Exp. Stat. Bull. 307: 367-390 illus. My.1919.

Compt. Rend. Acad. Sci. Paris.

Braun-Blanquet, J.
Sur la découverte du Laurus canariensis Webb et Berth. dans les tufs dé Montpellier. Compt. Rend. Acad. Sci. Paris 168: 950-952 My.1919. no.19

Coupin, H.
Sur le lieu d'absorption de l'eau par la racine Compt. Rend. Acad. Sci. Paris 168: 1005-1008 My.1919.

Compt. Rend. Acad. Sci. Paris

Gautier, A.
Influence fes fluorures sur la végétation. A. Essais préliminaires en vases de jardin Compt. Rend. Acad. Sci. Paris 168: 976-982 My.1919
P. Clausmann joint author no.20.

Lesage, P.
Sur la stabilisation de caractères dans les plantes salées Compt. Rend. Acad. Sci. Paris 168: 1003-1005 illus. My.1919 no.20.

Gard. Chron. III.

Warner, M. F.
Horticultural libraries in the United States. Gard. Chron. III, 65: 247 My.24,1919. no.1691.

Genetics

Mendiola, N. B.
Variation and selection within clonal lines of Lemna minor. Genetics 4: 151-182 Mr.1919. no.2. (Literature cited: p.182) (Paper no. 73 Dept. Plant Breed. Cornell)

Journ. Bd. Agr. British Guiana

Waby, J. F.
Notes on a collection of preserved dry fruits and seeds. Journ. Bd. Agr. British Guiana 12: 2-6 no.1. Ja.1919.

Waby, J. F.
Some interesting species of palms. Journ. Bd. Agr. Brit. Guiana 12: 49-55 Ja.1919. no.1.
Oreodoxa, Euterpe

Journ. N. Y. Bot. Gard.

Barnhart, J. H.
Brackenbridge and his book on ferns. Journ. N. Y. Bot. Gard. 20: 117-124 Je.1919. no.234.

Journ. Wash. Acad. Sci.

Collins, G. N.
Intolerance of maize to self-fertilization Journ. Wash. Acad. Sci. 9: 309-312 Je.4,1919.

Meded. Laborat. Plantenz. Dep. Landb. [Nederl. Indië]

Hall, C. J. J. van
Ziekten en plagen der cultuurgewassen in Nederlandsch-Indië in 1918 Meded. Laborat. Plantenz. Dep. Landb. [Nederl. Indië] no. 36 49 p. 1919.

Missouri Bot. Gard. Bull.

Plant cancer. Missouri Bot. Gard. Bull. 7: 51-53 pl. 16-18 My.1919. no.5.

Ohio Journ. Sci.

Sayre, J. D.
Comparative transpiration of tobacco and mullein Ohio Journ. Sci. 19: 422-426 My.1919. no.7.

Schaffner, J. H.
The nature of the diecious condition in Morus alba and Salix amygdaloides. Ohio Journ. Sci. 19: 409-416. My.1919. no.7.
Papers Dept. Bot. Ohio State Univ. no.107.

Phytopath.

Ensign, M. R.
Gas injury to wheat Phytopath. 9: 266 Je.1919 no.6.

Güssew, H. T.
Establishment of an Impérial (British) bureau of mycology Phytopath. 9: 265 Je.1919. no.6.

Haskell, R. J.
Fusarium wilt of potato in the Hudson river valley, New York Phytopath. 9: 223-260 pl. xiii-xv. Je.1919. no.6. (Literature cited: p. 259-260.)

Phytopath.

Petch, T.
Citrus mildew: a correction. Phytopath. 9: 266 Je.1919
Present evidence is that mildew does not occur on pumelo

Roberts, R.H.
"Crinkle" on northwestern greening. Phytopath. 9: 261-263 pl. xvi-xvii Je.1919. no.6.
Literature cited: p. 263

Plant World

Green, N. B.
The effect of ions of NaCl and $CaCl_2$ upon the electrical conductivity of certain colloidal mixtures. Plant World 21: 303-316. D.1918. no.12.

MacCaughey, V.
The endemic palms of Hawaii: Pritchardia. Plant World 21: 317-328 D.1918. no.12.
Literature: p. 328

Queensl. Agr. Journ.

White, C. T.
Lomatia silaeifolia - a poisonous flower Queensl. Agr. Journ. 11: 256-257 illus. Je.1919. no.6.
Poisonous properties confined to flowers, hydrocyanic acid cause

Res. Bull. Iowa Agr. Exp. Stat.

Greene, L.
The effect of crown gall upon a young apple orchard Res. Bull. Iowa Agr. Exp. Stat. 50: 145-176. illus. Mr.1919.
I.E.Melhus joint author

Rev. Gén. Bot.

Colin, H.
L'inuline chez les végétaux genèse et transformation Rev. Gén. Bot. 31: 179-195 My.1919. no.365. (suite)

Michel-Durand, E.
Variation des substances hydrocarbonées dans les [feuilles(suite)] Rev. Gén. Bot. 31: 196-204. My.1919. no.365.

Nicolas, G.
Contribution a l'étude des relations qui existent dans les feuilles entre la respiration et la présence de l'anthocyane. Rev. Gén. Bot. 31: 161-178 My.1919. no.365

Rev. Hort.

Mottet, S.
Un nouveau Schizophragma (S. integrifolium) Rev. Hort. 91: 275-278 illus. My.1919. no.7

Sci. Bull. Dept. Agr. Union So. Africa

Van der Bijl, P. A.
A cane leaf spot Sci. Bull. Dept. Agr. Union So. Africa no. 10 16 p. illus. 1918

Sci. Month.

Farr, C. H.
The ferns of the rain-forest Sci. Month. 9: 18-31 illus. Jy.1919. no.1.

Svenska Minné-sällsk. Årsskr.

Juel, H. O.
Bemerkungen über Hasselquist's herbarium Svenska Minné-sällsk. Årsskr. 1: 95-125 illus. 1918 (Zitierte literatur: p. 125)

Tullberg, T.
Linnés Hammarby Svenska Linné-sällsk. Årsskr. 1: 1-79 illus., pl. i-v 1918

Torreya

Hughes, F. T.
Botany in the city high schools. Torreya 19: 57-65 Ap.1919, no.4.

King, C. A.
Changes in teaching biology in our high schools Torreya 19: 65-71 Ap.1919. no.4.

Mann, P. B.
The relation of first year botany to advanced work, with references to certain applications and by-products. Torreya 19: 72-78 Ap.1919. no.4.

Trans. Bose Res. Inst. Calcutta

Bose, Sir J. C.
Life movements in plants Trans. Bose Res. Inst. Calcutta v.1, pt. 1/2 251 p. illus. 1918.

U. S. Dept. of Agr. Bull.

Jones, F. R.
The leaf-spot diseases of alfalfa and red clover caused by the fungi Pseudopeziza medicaginis and Pseudopeziza trifolii, respectively Bull. U. S. Dept. of Agr. no.759 38 p. iii pl. Je.19,1919
Literature cited: p. 36-38

U. S. Dept. of Agr. Farmers' Bull.

Roberts, J. W.
Control of cherry leaf-spot. Farm. Bull. U. S. Dept. Agr. no.1053 8 p. illus. Je.1919.
Leslie Pierce joint author

Victorian Nat.

Williamson, H. B.
Notes on the census of Victorian plants Victorian Nat. 36: 11-19 My.1919 no.1.

Recent books.

460.53 C15 Campbell, D. H.
The derivation of the flora of Hawaii 1919 34 p. (Leland Stanford Jr. University Publ.)

26 C76 Congrès d'agriculture coloniale, Paris, 1918
Compte rendu des travaux tome II. Section des oléagineux. 638 p. Paris, 1918 ?

452.1 M42 Matsushima, T.
The jitsuyo shokubutsumeii Tokyo, Tokyo shokubutsugakukawi [1916]
2 p.l., 12,162 , 115 p., 1 l. plates 18.5cm.
Japanese and English
Common names of plants

460.13 L93C Merrill, E. D.
A commentary on Loureiro's Flora cochinchinensis Manila, 1919
2 v. 28cm.
Typewritten

387.1 P24 Parry, E. J.
Gums and resins.

452 Sch62 Schrank, Franz von Paula von
Eine centurie botanischer anmerkungen zu des ritters von Linné Species plantarum Erfurt, 1781 64 p. 22.5cm.
Photostat of copy in Missouri botanical garden

Bureau of Plant Industry Library.
Current Author Entries, 1919, No.12.
(Indexed July 7-19, 1919)

Addisonia v.4, no.2. Je.1919.

Small, J.K. Urechites pinetorum. Addisonia 4: 21-22 vol. pl. 131 Je.1919.

Mackenzie, K. K. Eupatorium maculatum Addisonia 4: 23-24 col. pl. 132 Je.1919

Small, J. K. Heliotropium polyphyllum Addisonia 4: 25-26 col. pl. 133 Je.1919.

Nash, G. V. Malus halliana Addisonia 4: 27 col. pl. 134 Je.1919.

Small, J. K. Heliotropium leavenworthii Addisonia 4: 29-30 col. pl. 135 Je.1919

Pennell, F. W. Penstemon calycosus Addisonia 4: 31-32 col. pl. 136 Je.1919

Small, J. K. Rhabdadenia corallicola Addisonia 4: 33-34 col. pl. 137 Je.1919

Nash, G. V. Crataegus macrosperma Addisonia 4: 35 col. pl. 138 Je.1918

Nash, G. V. Oxydendron arboreum Addisonia 4: 37-38 col. pl. 139 Je.1919

Boynton, K. R. Eupatorium coelestinum Addisonia 4: 39-40 col. pl. 140 Je.1919

Agr. Bull. Fed. Malay States

Eaton, B. J.

Lalang grass as a paper material Agr. Bull. Fed. Malay States 7: 28-32 Ja./F. 1919. no.1.

Agr. News

Nowell, William

Investigation of the froghopper pest and disease of sugar-cane. Agr. News 18: 174-175. no.445.

Report of investigations in Trinidad

Agron. Colon.

Chalot, Ch

Maladies et enemis du vanillier In his Culture et préparation de la vanille Agron. Colon. 3: 75-88 illus. N./D.1918

U. Bernard joint author

Amer. Fern Journ.

Benedict, R. C.

The simplest fern in existence Amer. Fern. Journ. 9: 48-50 illus. Ap./Jy. 1919. no.2.

Monogramme dareacarpa

Graves, E. W.

The Botrychiums of Mobile County, Alabama. Amer. Fern. Journ. 9: 56-58 Ap./Jy.1919. no.2.

Maxon, W. R.

Ferns of the District of Columbia Amer. Fern Journ. 9: 38-48 Ap./Jy. 1919. no.2.

Palmer, E. J.

Texas pteridophyta II Amer. Fern Journ. 9: 50-56 Ap./Jy. 1919. No.2.

Amer. Journ. Sci.

Arber, Agnes

On atavism and the law of irreversibility Amer. Journ. Sci. IV, 48: 27-32 Jy.1919

Bibliographical foot notes

Holm, Theodor

Studies in the Cyperaceae XXVII Notes on Carex podocarpa R. Br., C. montanensis Bail., C. venustula Holm, C. lemmoni W. Boott and C. aequa Clarke Amer. Journ. Sci. IV, 48: 17-26 illus. Jy.1919. no.283.

Amer. Nut Journ.
Bixby, W. G.
The butternut and the Japan walnut. A search for superior varieties of butternuts and what has been learned thereby Amer. Nut Journ. 10: 76-79, 82-83 illus. Je.1919. no.6.

Ann. Rep. Alabama Agr. Exp. Stat.
Peltier, G. L.
Report of plant pathologist 1918 Ann. Rep. Alabama Agr. Exp. Stat. 31: 21-22. 1919.

Ber. Deut. Bot. Ges.
Küster, E.
Beiträge zur kenntnis des laubfalles Ber. Deut. Bot. Ges. 34: 184-193 Ap.1916. no.3.
Bibliographical foot notes

Patschovsky, N.
Ueber nachweis, lokalisierung und verbreitung der oxalsäure (gelösten oxalate) im pflanzenorganismus Ber. Deut. Bot. Ges. 36: 542-548 illus. F.1919. no.9. (Literatur: p. 548)

Reinke, J.
Bemerkungen zur vererbungs- und abstammungslehre Ber. Deut. Bot. Ges. 34: 37-66 Mr.1916 no.2.

Ursprung, A.
Ueber den einfluss der aussenbedingungen auf den osmotischen wert Ber. Deut. Bot. Ges. 34: 123-142. Mr.1916. no.2.
G. Blum joint author

Ursprung, A.
Ueber die periodischen schwankungen des osmotischen wertes. Ber. Deut. Bot. Ges. 34: 105-123 Mr.1916. no.2.
G. Blum joint author

Ursprung, A.
Ueber die verteilung des osmotischen wertes in der pflanze. Ber. Deutl Bot. Ges. 34: 88-104 Mr.1916 no.2. (G. Blum joint author)

Weber, F.
Ueber eine einfache methode die wegsamkeit der lenticellen für gase zu demonstrieren. Ber. Deut. Bot. Ges. 34: 73-82 illus. Mr.1916. no.2.
Literatur: p. 82
Gasdiffusionsmethode (Vorläufige mitteilung)

Weber, F.
Ueber eine einfache methode zur veranschaulichung des öffnungszustandes der spaltöffnungen. Gasdiffusionsmethode. Ber. Deut. Bot. Ges. 34: 174-183 Ap.1919. no.3. (Literatur p. 183)

Wehmer, C.
Einige holzansteckungsversuche mit haussachwammsporen durch natürlichen befall im keller. Ber. Deut. Bot. Ges. 34: 82-87 illus. Mr.1916. no.2.

Bot. Tidsskr.
Warming, Eugene
Skovene (sluttet) Bot. Tidsskr. 35: 401-635 illus. 1919 (Dansk plantevaekst III) no.6.
Litteratur: p. 622-635.
Ecological study of forest vegetation of Denmark

Bull. Dept. Agr. Trind. & Tobago
Rorer, J. B.
The fungous diseases of roses and their treatment Bull. Dept. Agr. Trind. & Tobago 18: 29-31 pl. 1919 no.1.

Rorer, J. B.
The wither-tip of limes Bull. Dept. Agr. Trinidad & Tobago 18: 1-3 pl. 1919. no.1.
Gloeosporium limetticolum
Note by W. G. Freeman

Bull. Georgia State Board Entom.

Chase, W. W.
Common insects and diseases of the apple
Bull. Georgia State Bd. Entom. 54 51 p., xii pl. on 6 Mr.1919

Bull. Soc. Mycol. France

Chenantais, J. E.
Etudes sur les pyrénomycetes (suite) Bull. Soc. Mycol. France 35: 46-98 illus. Ap.1919. no.½
V. Documents pour la synthése. VI. Le genre Massarinula. VII. Les Lasiosordariées. VIII. Notes critiques sur les Podospora no.½

Dufrenoy, Jean
Diversité écologique et coefficients génériques
Bull. Soc. Mycol. France 35: 27-46 Ap.1919. no.½
Bbiliographie: p. 41-42, 45

Mangin, L.
Paul Hariot (1854-1917) notice nécrologique
Bull. Soc. Mycol. France 35: 4-11 port. Ap.1919
Liste des travaux et publications mycologiques de Paul Hariot: p. 9-11. no.1/2

Moreau, F.
Une anomalie dans l'histoire des spores de l'Endophyllum sempervivi Lév. Bull. Soc. Mycol. France 35: 98-101 illus. Ap.1919 no.½

Moreau, F.
Sur une tuberculariacée parasite du buis, le Volutella buxi (Corda) Berk. Bull. Soc. Mycol. France 35: 12-14 illus. Ap.1919. no.½

Ranoïévitch, N.
Sur quelques espèces nouvelles de champignons
Bull. Soc. Mycol. France 35: 14-26 illus. no.½
Ap.1919.

Bull. Soc. Nat. Acclim.

Loyer, M.
Henri Hua (1861-1919) Bull. Soc. Nat. Acclim. 67: 161-163. Je.1919. no.6.

Bull. Torr. Bot. Club

Griffiths, David
New and old species of Opuntia Bull. Torr. Bot. Club 46: 195-205 pl. 9-10 Je.1919. no.6.

Williams, R. S.
The genus Desmatodon in North America Bull. Torr. Club 46: 207-220 pl. 11 Je.1919. no.6.

Centralbl. Bakt. Abt. 2.

Kyropoulos, P.
Einige untersuchungen über das umfallen der keimpflanzen besonders der kohlarten Centralbl. Bakt. Abt. 2, 45: 244-258 pl. i-iii Ap.1916. no.6/12
Literaturverzeichnis: p. 257

Sahli, G.
Die empfänglichkeit von pomaceenbastarden, -chimären und intermediären formen für Gymnosporangien
Centralbl. Bakt. abt. 2, 45: 264-301. Ap.1916. no.6/12
Zitierte literatur: p. 300-301

Country Life

Bean, W. J.
Evergreen rhododendrons I-II Country Life 45: 625-628, 727-729 illus. My.-Je. 1919. no.1170-71.

Florida Agr. Exp. Stat. Bull.

Scott, J. M.
Velvet bean varieties Florida Agr. Exp. Stat. Bull. 152: 211-233 illus. F.1919

Bull. Torr. Club
Ashe, W. W.
Notes on trees and shrubs in the vicinity of Washington Bull. Torr. Club. 46: 221-226. no.6.

Florida Grow.
Sherbakoff, C. D.
About trucking and truck diseases (cont.)
Florida Grow. v.20, no.1 p.4-5 illus. Jy.5,1919.

Florida state plant board - Dept. of citrus eradication
Report...for quarter ending March 31, 1919
Quart. Bull. v.1: 122-124 Ap.1919 no.3.

Garden
Hornibrook, M.
Dwarf and slow-growing conifers IV-VI Garden 83: 254-257, 267, 291 My. 31, Je.7, 21 1919 no. 2480, 2481, 2483.

Westerdijk, J.
Two diseases of narcissi Garden 83: 253 My.31,1919 (Nematode (Tylenchus) no.2480.

Gard. Chron. III.
Farrer, R.
Mr. Reginald Farrer's second exploration in Asia Gard. Chron. III, 65: 301-302 Je.21,1919 illus. no.1695 (I. The Burma-Chinese Alps)

Jackson, Albert Bruce
New or noteworthy plants. A new variety of Pyracantha gibbsii Gard. Chron. III, 65: 2 266 illus. My.31, 1919. No.1692

Crown canker in roses. Gard. Chron. III, 65: 277 Je.7,1919.

Gard. Mag.
Warner, M. F.
Some old writings brought to life. Gard. Mag. 29: 238 Jy.1919. no.4.
Comments on the sources of the Annuaire of the Newport garden club published in Journ. Intern. Gard. Club Mar.1919.

Georgia state board of entomology
Annual report of the state entomologist for 1918
Its. Bull. 55 31 p. My.1919
A. C. Lewis entomologist
Contains plant disease notes.

Hacienda
Jones, D. F.
La planta de mayor valor en America Hacienda 14: 291-297 illus. Jy.1919. no.10.
C. A. Gallastegui joint author

Illinois Agr. Exp. Stat. Bull.
Gunderson, A. J.
The pruning of winter-injured peach trees.
Illinois Agr. Exp. Stat. Bull. 218 381-394 illus. My.1919.

Journ. Agr. Res.
Collins, G. N.
Structure of the maize ear as indicated in Zea-euchlaena hybrids. Journ. Agr. Res, 17: 127-135. pl. 16-18 Je.16,1919.

Dorsey, M. J.
Relation of weather to fruitfulness in the plum
Journ. Agr. Res. 17: 103-126 pl. 13-15 Je.16, 1919. (Literature cited: p. 125-126)

Journ. Amer. Soc. Agron.
Leighty, C. E.
On the blooming and fertilization of wheat flowers
Journ. Amer. Soc. Agron. 11: 143-162 Ap.1919. no.4.
T. B. Hutchinson joint author

Journ. Bd. Agr. Gt. Brit.
Salmon, E. S.
Potato-spraying experiments at Wye College, 1918 Journ. Bd. Agr. Gt. Brit. 26: 269-278 pl. Je. 1919 (H.Wormald joint author)

Journ. Bot.
Moore, S. LeM.
Alabastra diversa XXX. 2. Thymelaeaceae africanae novae vel notari dignae Journ. Bot. 57: 112-119. My.1919. no.677.

Baker, E. G.
The African species of Allophylus Journ. Bot. 57: 154-160 Je.1919. no.678

Lister, G.
Mycetozoa recorded as British since 1909 Journ. Bot. 57: 105-111 My.1919 no.677.

Wheldon, J. A.
Notes on Bráithwaite's Sphagnaceae exsiccatae Journ. Bot. 57: 142-147 Je.1919. no.678.

Wilson, M.
Some British rust fungi Journ. Bot. 57: 161-163 Je.1919. no. 678.
Melampsora alpina, Puccinia borealis, P. polygoni-vivipari, Uromyces onobrychidis, Puccinia hypochoeridis, P. crepidis, P. uliginosa, P. major.

New Jersey Agr. Exp. Stat. Circ.
Cook, M. T.
Seed and soil treatment for vegetable diseases. New Jersey Agr. Exp. Stat. Circ. 106 4 p. illus. (1919)

New Phytol.
Bristol, B. M.
On the retention of vitality by algae from old stored soils New Phytol. 18: 92-107 illus. Mr./Ap.1919. no.3/4

Curtis, K. M.
A contribution of the life-history and cytology of Synchytrium endobioticum (Schilb.) Percival, the cause of potato wart disease. New Phytol. 18: 90-91 Mr./Ap.1919 no.3/4

Salmon, C. E.
Papaver rhaeas, P. dubium and the hybrid between them New Phytol. 18: 111-117 illus. Mr./Ap.1919. no.3/4

Small, J.
The origin of and development of the Compositae Chap. XI The origin of the Compositae New Phytol. 18: 65-89 illus. Mr./Ap.1919 no.3/4
Bibliography: 87-89

New Zeal. Journ. Agr.
Control of brown-rot of stone-fruits New Zeal. Journ. Agr. 18: 272-284 Mr.1919 no.5.

Philipp. Agr. Rev.
David, P. A.
The tobacco seed bed. Philipp. Agr. Rev. 12: 31-65 pl. xii-xvi 1919 (Bibliography: p. 65)

Porto Rico Insular Exp. Stat. Circ.
Matz, J.
Citrus spots and blemishes. Porto Rico Insular Exp. Stat. Circ. 16 8 p. 3 col. pl. My.1919.

Proc. Biol. Soc. Washington
McAtee, W. L.
Summary of notes of winter blooming at Washington, D. C. Proc. Biol. Soc. Washington 32: 129-132 Je.27,1919.

Proc. Biol. Soc. Wash. (cont.)

Maxon, W. R.

A new Alsophila from Guatemala and Veracruz
Proc. Biol. Soc. Wash. 32: 125-126. Je.27,1919
A. scabriuscula

Quart. Bull. Mich. Agr. Exp. Stat.

Coons, G. H.

Botanical notes Quart. Bull. Mich. Agr. Exp. Stat. 1: 159-162. My.1919 no.4.
Barley disease situation.- Potato spraying,.. Seed treatment of potatoes. - Damping off of seedlings.

Stevens, H. E.

The potato wart disease. Quart. Bull. State. Plant Bd. Florida 3: 116-120 Ap,1919

Rev. Agr. Com. y Trab. Habana

Calvino, M.

Reseña general sobre la arboricultura frutal de Mexico Rev. Agr. Com. y Trab. Habana 2: 252-258 illus. Je.1919. no.6.

Rev. R. Acad. Cienc.

Lazaro é Ibiza, Blas

Los políporáceos de lá flora española (cont.)
Rev. R. Acad. Cienc. 15: 289-307, 369-384 x col. pl. D.1916-Ja.1917. no.6-7.

Riv. Biol.

Borzi, A.

Intorno al fondamento ecologico dell'organizia-zione vegetale. Riv. Biol. 1: 181-212. illus. Mr./Ap.1919. no.1.

Carbone, D.

Microbi saprofiti e microbi patogeni: Note critiche e sperimentali Riv. Biol. 1: 222-245,Mr./Ap.1919.
B. Quarella, G. Venturelli joint authors no.2.

Science

Coville, F. V.

The threatened extinction of the box huckleberry Gaylussacia brachycera Science 50: 30-34
Jy. 11, 1919. no.1280

MacDougal, D. T.

Growth in organisma. Science 49: 599-605
Je.27,1919. no.1278

Melhus, I. E.

A quick method of eliminating seed-borne organisms of grain. Science 50: 21 Jy.4,1919. no.1279.
L. L. Rhodes joint author
Seeds suspended above formaldehyde solution, one part in 240 parts water & the temperature raised to 98 to 99°; organism killed without injury to seed.

Sci. Amer. Suppl.

Fultz, F. M.

Flower camouflage, peculiarities of some wild flowers of southern California. Sci. Amer. Suppl. 88: 8-9 illus. Jy.5,1919. no.2770.

Record,S. J.

Lignum-vitae, the vital wood. The most important single wood for the American navy and merchant marine. Sci. Amer. Suppl. 88: 4-5, 15-16 illus. Jy.5,1919 no.2270
True lignum vitae, Guaiacum sp.

Svensk Bot. Tidskr.

Witte, H.

Ueber waibliche sterilität beim timotheegras (Phleum pratense L.) und ihre erblichkeit
Svensk Bot. Tidskr. 13: 32-42 illus. 1919. no.1.

Teysmannia

Wigman, H.J.jr.
'Schaduw-, sier- en laanboomen, Teysmannia 30: 147-156 1919 no.4.

Tijdschr. Plantenz.

Schoevers, T.A.C. no.3.
Nieuwe ziekten,waarop gelet moet worden II. Bij tomaten, Petunia's, asters, muurbloemen en Gilia tricolor. Tijdschr.Plantenz. 25: 126-218. My.1919

Torreya,

Abrams,Le Roy
A new California cypress, Cupressus nevadensis sp. nov. Torreya 19: 92 My.1919. no.5.

Evans, A. W.
A new Riccia from Peru Torreya 19: 85-88 illus. My.1919. no.5. (R. bistriata)

Gleason, H. A.
What is ecology Torreya 19: 89-91 My.1919 no.5.

Trop. Agr.

Kathiresu, S.
Dyeing with chaya root as practised in the Northern provinces. Trop. Agr. 52: 209-212 Ap.1919. no.4.
From the Ceylon economist

Union So. Afr. Dept. Agr.

Evans, I. B. P.
Citrus canker Union So. Afr. Dept. Agr. Local Ser. 30 3 p. col. pl. 1917. (Also in Dutch)

Doidge, E. M.
The characteristics of citrus canker and its eradication Union So. Africa Dept. Agr. Bull. no. 3, 1918 plates, map 1918
Previous publications dealing with citrus canker in South Africa: p. 9.

U. S. Dept. Agr. Bull.

Kempton, J. H.
Inheritance of waxy endosperm in maize. U. S. Dept. Agr. Bull. 754 99 p. Je.26,1919.
Literature cited: p. 99

U. S. Dept. Agr. Circ.

Gilbert, W. W.
Diseases and insects of the home garden U.S. Dept. Agr. Circ. no.35 31 p. illus. (1919)
Cover title: Boys' and girls' club work. Diseases and insects... (C.H.Popence joint author)

Univ. Calif. Pub. Bot.

Goodspeed, T.H.
Notes on the germination of tobacco seed III Note on the relation of light and darkness to germination Univ. Calif. Publ. Bot. v.5, no.16 p. 451-455 Ap.1919

Vie Agr. & Rur.

Brillaud de Laujardière, Ch
Cultivons les plantes médicinales Vie Agr.& Rur. 9: 433-438 illus. Je.14,1919. no.24.

Panisset, L.
L'empoisonnement du cheval par la mercuriale. Vie Agr. et Rur. 9: 399 illus. My.31,1919. no.22.
M. annua

Recent books.

452.3 B773 Britton, N.L.
Cactaceae v.1 1919 (Carnegie institution Washington, Publ.248)
J. N. Rose joint author

Acta Horti Berg.

Afzelius, K.
Zur entwicklungsgeschichte der gattung Gloriosa Acta Horti Berg. v. 6, n:o 3 12 p. illus. 1918
Zitierte literatur: p.11-12.

Florin, C.
"P. J. Bergius" en ny applesort Acta Horti Berg. v.6, n:o 5 6 p. 2 pl. (1 col.) 1918
Rudolf Florin joint author

Fries, R. E.
Några drag ur den Bergianska trädgårdens historia 1885-1914 Acta Horti Berg. v. 6, n: o 1 24 p. 106 pl., port., ii plans 1918

Fries, R. E.
Strödda iakttagelser over Bergianska trädgårdens gymnospermer. Acta Horti Berg. v.6, n:o 4 19 p. col. pl. 1918.

Fries, R.E.
Studien über die blütenstandsverhältnisse bei der familie Anonaceae Acta Horti Berg. v.6 n:o 6 48 p. illus. 1918

Wittrock, V. B.
Anteckningar om Nordiska namin (Svenska, Norska Danska, Färöiska, Isländska, Finska och Lapska) på Stellaria media (L.) Cyr.., efter förf:s död utgivna av Rob. E. Fries. Acta Horti Berg. v.6, n:o 2 39 p. 1918 (map showing distribution on verso p.39)

Agr. Gaz. Canada

Canada. Experimental farms. Division of botany
"Take all", "flag smut" and "ear cockle" of wheat. Agr. Gaz. Canada, 6: 615-619. illus. Jl. 1919.

Amer. Journ. Bot.

Reed, H. S.
Growth and variability in Helianthus. Amer. Journ. Bot. 6: 252-271. Je.1919. (Literature cited: p.265) no.6.
Paper 57 Univ. Calif. Grad. School of Trop. Agr. & Citrus Exp. Stat.

Sando, C. E.
Endothia pigments II. Endothine red. Amer. Journ. Bot. 6: 242-251 illus. Je.1919 no.6.
No. I, by L. A. Hawkins & N. E. Stevens

Stevens, N. E.
The effect of the endrot fungus on cranberries. Amer. Journ. Bot. 6: 235-241 illus. Je.1919 no.6.
Literature cited: p. 241 (F.W.Morse joint author)
Fusicoccum putrefaciens

Twiss, W. C.
A study of plastids and mitochondria in Pressia and corn. Amer. Journ. Bot. 6: 217-234 pl. xxxiii-xxiv. Je.1919. no.6. (Bibliography: p. 231-233)

Ber. Deut. Pharm. Ges.

Gilg, E.
Die schwefelsäureraktion der Strophanthussamen. Ber. Deut. Pharm. Ges. 29: 220-233 1919. no.2.
Julius Schuster joint author

Biochem. Journ.

Onslow, M. W.
Oxidising snzymes I Biochem. Journ. 13: 1-9. no.1. My.1919.
I. The nature of the "peroxide" naturally associated with certain direct oxidising systems in plants.
References: p. 9

Bot. Gaz.

Coulter, M. C.
A corn-pollinator Bot. Gaz. 68: 63-64 Jy.1919. no.1.

Osterhout, W. J. V.
Apparatus for the study of photosynthesis and respiration Bot. Gaz. 68: 60-62 illus. Jy.1919. no.1.

Stevens, F.L.
Some Phyllachoras from Porto Rico Bot.Gaz. 68: 54-59 pl. vi-viii Jy.1919. no.1.
Nora Dalby joint author

Walker, L. B.
Development of Pluteus admirabilis and Tubaria furfuracea Bot. Gaz. 68: 1-21. illus. pl. i-v Jy.1919. no.1.
Contr. Dept. Bot. Univ. Nebr. n.s. no.27.
Literature cited: p. 18.

Waterman, W. G.
Development of root systems under dune conditions Bot. Gaz. 68: 22-53 illus. Jy.1919. no.1.
Literature cited: p. 51-53
Contr. Hull Bot. Labor. 250

Bot. Centralbl.Beih. II abt.

Loesener, T.
Prodromus florae tsingtauensis. Die pflanzenwelt des Kiautschou-gebietes. Bot. Centralbl. Beih. II. abt. 37: 1-206. pl.i-x. Apr.1919. no.1.

Bryolog.

Haynes, C. C.
List of French Hepaticae collected by Major George H. Conklin, M.R.C. Bryolog. 22: 27 My.1919. no.3.

Levy, D. J.
Preliminary list of mosses collected in the neighborhood of Hulett's Landing, Lake George, N.Y. Bryolog. 22: 23-26 My.1919. no.3.

Lowe, R. L.
Collecting in Oklahoma Bryolog. 22: 21-22. My.1919. no.3.

Bull. N.Y. State Mus.

Atkinson, G. F.
Collybia campanella Peck, and its near relatives in the eastern United States Bull. N.Y. State Mus. 205/206 (Ja./F.1918): 61-65 1919.
In Report of state botanist, 1917

Dearness, J.
New or noteworthy species of fungi Bull.New York State Mus. 205/206 (Ja./F.1918): 43-59 1919
H.D.House joint author
In Report of state botanist, 1917.

House, H.D.
New or interesting species of fungi V Bull. N.Y. State Mus. 205/206(Ja./F.1918): 32-42 pl.306. 1919. (In Report of the state botanist, 1917)

House, H.D.
Notes on local floras V Bull. N.Y. State Mus. 205/206(Ja./F.1918): 14-30 illus.(map) pl.1919
Outline map showing distribution of Ophrys.
In Rep. of state botanist, 1917.

New York State botanist
Report of the state botanist, 1917 Bull. New York State Mus. nos.205/206 (Ja./F.1918) 169 p. 23 pl. 1919. (H.D.House, botanist)

Bull. N. Y. State Mus.

Overholts, L. O.
The species of Poria described by Peck. Bull. N.Y. State Mus. 205/206 (Ja./F.1918): 67-166 pl. 23 pl. 1919 (In Report of state botanist,1917) p.121-166, descriptions of plates

A small collection of plants from central New York collected by Dr. Asa Gray, 1832. Bull. N.Y. State Mus. 205/206(Ja./F.1918): 10-13. 1919.

Bull. Soc. Mycol. France

Chifflot, J.
Sur la présence de l'ergot de seigle sur le blé dit du Manitoba. Bull. Soc. Mycol. France 34: 192-194 pl. viii F.1919 no.3/4

Bull. Soc. Path. Vég. France

Arnaud, G.
Une maladie de la "rose de Noel" (Hélleborus niger) Bull. Soc. Path. Vég. France 6: 10-12 Ja./F. 1919. no.1. (Entyloma ranunculi & Coniothyrium hellebori)

Beauverie, J.
Sur quelques recherches récentes concernant le rôle des germes de rouilles contenus dans les semendes de graminées Bull. Soc. Path. Vég. France 5: 83-89 Ap.1919. no.2. (Bibliographical foot notes)

Biers, P.
Un Heterodera parasite de Gomphocarpus fruticosus. Bull. Soc. Path. Vég. France 6: 18-19 Ja./F.1919. no.1. (H. radicicola)

Capus, J.
Note sur le développement de quelques maladies des plantes pendant la sécheresse. Bull. Soc. Path. Vég. France 5: 94-96 Ap.1919 no.2.
Three diseases noted: "black-rot de la vigne", "Maladie du platane (Gnomonia veneta)", "rouille du blé"

Mangin, L.
Action nocive des émanations de l'usine de Chedde sur la végétation Bull. Soc. Path. Vég. France 5: 104-107 Ap.1919. no.2. (Hydrochloric acid)
Finds that resinous trees, with exception of larch, suffer most.

Bull. Soc. Roy. Bot. Belge.

Marchal, E.
Notice sur Théophile Durand. Bull. Soc. Roy. Bot. Belge 53 (II, 3): 7-53. port. Jy.1914.
Liste des ouvrages...: p.51-55

Wildeman, E. de
Paul Ascherson (1834-1913) Bull. Soc. Roy. Bot. Belge 53(II, 3): 111-118 Jy.1914

Bull. Torrey Bot. Club

Gleason, H. A.
Taxonomic studies in Vernonia and related genera. Bull. Torrey Bot. Club, 46: 235-252. Jl. 1919
New species and varieties in Vernonia, with Ekmania gen. nov. based on V. lepidota Griseb.

Record, S. J.
Storied or tier-like structure of certain dicotyledonous woods. Bull. Torrey. Bot. Club, 46: 253-273. tables. Jl.1919.
"Literature cited": p.273.

Weatherwax, P.
The ancestry of maize -- a reply to criticism. Bull. Torrey Bot. Club, 46: 275-278. Jl.1919.

Compt. Rend. Acad. Sci. Paris
Mascré
Nouvelles remarques sur le rôle de l'assise nourricière du pollen Compt. Rend. Acad. Sci. Paris 168: 1214-1216 Je.1919. no.24.

Posternak, S.
Sur deux sels cristallisés du principe phospho-organique de réserve des plantes vertes. Compt. Rend. Acad. Sci. Paris 168: 1216-1219 illus. Je.1919. no.24.

Curt. Bot. Mag. IV, 15 nos. 172/174 1919
Liparis macrantha 2 p. col. pl. 8797
Malus rivularis 2 p. col. pl. 8798.
Wittia panamensis 2 p. col. pl. 8799.
Lonicera similis var. delavayi 2 p. col pl. 8800
Primula bellidifolia 2 p. col. pl. 8801
Rhododendron oleifolium 2 p. col. pl. 8802
Calanthe tricarinata 2 p. col. pl. 8803
Lonicera chaetocarpa 2 p. col. pl. 8804.
Desmodium cinerascens 2 p. col. pl. 8805.
Ipomoea pes-tigridis var. longibracteata 2 p. col. pl. 8806
Disporum pullum var. brunnea 2 p. col. pl. 8807

Geogr. Rev.
Harshberger, J. W.
Alpine fell-fields of eastern North America Geogr. Rev. 7: 233-255 illus. Ap.1919. no.4.

Garden
Dallimore, W.
Rock roses or species of Cistus. Garden 83: 304-305 illus. Je.28,1919 no.2484.

Hornibrook, Murray
Dwarf and slow-growing conifers VII Garden 83: 305-306 Je.28,1919 no.2484

Gard. Chron. III.
Farrer, R.
Mr. Reginald Farrer's second exploration in Asia Gard. Chron. III, 65: 314. J3.28,1919
2. The valley of the Ngaw Chang. no.1696.

Webster, A. D.
Dry rot in timber Gard. Chron. III, 66: 5 Jy.5,1919. no.1697.

Hoppe-Seyl. Zeitschr. Phys. Chem.
Salkowski, E.
Ueber den kohlehydratgehalt der flechten und den einfluss der chloride auf die alkoholgärung. Hoppe-Seyl. Zeitschr. Phys. Chem. 104: 105-128 1919. no.2/3

Jahrb. Wiss. Bot.
Buder, J.
Zur kenntnis der phototaktischen richtungsbewegungen. Jahrb. Wiss. Bot. 58: 105-220. tables, diagrams. Sept.1917. no.1.

Miehe, H.
Weitere untersuchungen über die bakteriensymbiose bei Ardisia crispa. II. Die pflanze ohne bakterien. Jahrb. Wiss. Bot. 58: 29-65. illus. Sept. 1917. no.1.

Tobler, F.
Ein neues tropisches Phyllosiphon, seine lebensweise und entwicklung. Jahrb. Wiss. Bot. 58: 1-28. illus. pl.i. Sept.1917.
Phyllosiphon asteriforme on Zamioculcas zamiifolia.

Journ. Amer. Pharm. Assoc.
Clevenger, J. F.
Santolina chamaecyparissus L., an adulterant of Matricaria chamomilla L. Journ. Amer. Pharm. Assoc. 8: 536-538 illus. Jy.1919. no.7.

Journ. Bot.

Baker, E.G.
The African species of Allophylus (concl.) Journ. Bot. 57: 181-190 Jy.1919 no.679.

Pugsley, H. W.
Notes on British Euphrasias I Journ. Bot. 57: 169-175 Jy.1919. no.679.

Journ. Ecol.

Guppy, H. B.
The island and the continent Journ. Ecol. 7: 1-4 My.1919. no.½

McLean, R. C.
Studies in the ecology of tropical rain-forest; with special reference to the forests of south Brazil Journ. Ecol. 7: 5-54 pl. i My.1919. no.½

Journ. Gen. Phys.

Crozier, W. L.
Intracellular acidity in Valonia Journ. Gen. Phys. 1: 581-583 Jy.1919. no.6. (Bibliography: p.583)

Loeb, Jacques
Physiological basis of morphological polarity in regeneration II Journ. Gen. Physiol. 1: 687-715. illus. Jy.1919. no.6.

Journ. Genetics

Bateson, W.
Double flowers and sex-linkage in Begonia. Journ. Genetics, 8: 199-207. pl.viii. Je.1919. no.3.
Ida Sutton, joint author

Collins, E. J.
Sex segregation in the Bryophyta. Journ. Genetics, 8: 139-146. diagrams, pl. vi. Je.1919. no.3.

Journ. Hered.

Dorsey, M. J.
A note on the dropping of flowers in the potato Journ. Hered. 10: 226-228 illus. My.1919. no.5.
Paper 161 Journ. Ser. Minn. Exp. Stat.

Drieberg, C.
A freak papaw (Carica papaya) Journ. Hered. 10: 207 My.1919. no.5. (Albinism in papaw?)

Love, H. H.
Fertile wheat-rye hybrids; crosses between wheat and rye are usually sterile; a fertile cross may have the good qualities of wheat and the hardiness of rye. Journ. Hered. 10: 195-207 illus. My.1919. no.5. (Bibliography: p.207) (W.T.Craig joint author)
Paper no.76 Dept. Plant breeding, Cornell Univ.

Roberts, H. F.
The founders of the art of breeding III Journ. Hered. 10: 99-106, 147-152, 229-239 illus., ports. My.1919. (Bibliography: p. 106, 152, 239)

Journ. Intern. Gard. Club

Bishop, C.
The Letchworth park forest arboretum Journ. Intern. Gard. Club 3: 262-275 illus. no.2. Je.1919.

Lurie, A.
Curiosities of plant life (cont.) Journ. Intern. Gard. Club 3: 303-315. illus. Je.1919 no.2.
G. H. Pring joint author

Moore, Geo. T.
The Missouri botanical garden Journ. Intern. Gard. Club 3: 280-291 illus. Je.1919. no.2.

Purdy, C.
Pacific coast wild flowers: their histor, and cultivation. Journ. Intern. Gard. Club 3: 211-231 illus. Je.1919. no.2.

Journ. Intern. Gard. Club.

Van Fleet, W.
Progress in breeding freesias. Journ. Intern. Gard. Club 3: 232-239 col. pl. Je.1919 no.2.

Meded. Phytopath. Dienst Wagenin.

Aardappelziekten waarmede rekening moet worden gehouden bij de veldkeuring en de stamboomteelt 2. hirziene druk. Meded. Phytopath. Dienst Wagenin. no. 6 18 p. vi pl. My.1919

Naturw. Zeitschr. Forst- u. Landw.

Coaz, J. W. F.
Ueber die verbreitung der mistel (Viscum album L.) in der Schweiz. Naturw. Zeitschr. Forst- u. Landw. 16: 138-195 illus. Mr./Ag.1918 no.3/8

Sylvén, Nils
Ueber den kieferndreher Melampsora pinitorqua (Braun) Rostr. Naturw. Zeitschr. Forst- u. Landw. 16: 118-127 Mr./Ag.1918. no.3/8
Mitt. aus der Forstl. versuchsanstalt Schwedens 1917 [Om tallens knäckesjuka (Melampsora pinitorqua]

Month. Weath. Rev.

Kincer, J. B.
Relation between vegetative and frostless periods Month. Weath. Rev. 47: 106-110 F.1919

North Car. Agr. Exp. Stat. Techn. Bull.

Wolf, F. A.
Clover stem rot. North Car. Agr. Exp. Stat. Techn. Bull. 16: 1-18. 3 pl. on 2 l. June 1919. (Bibliography) (R. O. Cromwell, joint author)

Phytopath.

Ball, E. D.
The potato leafhopper and the hopperburn. Phytopath. 9: 291-293. Jl.1919. no.7.

Byars, L. P.
The wheat nematode, Tylenchus tritici, attacking rye, oats, spelt, and emmer. Phytopath. 9: 283-284. pl.xviii. Jl.1919 no.7.
A. G. Johnson & R. W. Leukel, joint authors

Drechsler, C.
Cotyledon infection of cabbage seedlings by Pseudomonas campestris. Phytopath. 9: 275-282. illus. Jl.1919 no.7. (References, p.282)

Melchers, L. E.
A method of steam sterilization of soil for controlling nematodes. Phytopath. 9: 294-296. no.7. Jl.1919.

Pritchard, F. J.
Effect of spraying on early ripening of tomato fruit. Phytopath. 9: 289-291. Jl.1919. no.7.
W. B. Clark, joint author

Ramsey, G. B.
Studies on the viability of the potato blackleg organism. Phytopath. 9: 285-288. Jl.1919. no.7.

Stone, R. E.
A new stem-rot and wilt of tomatoes. Phytopath. 9: 296-298. illus. Jl.1919. no.7.

Wilcox, E. M.
Harvey Elmer Vasey. Phytopath. 9: 299-300. port. Jl.1919. no.7.

Plant World

Dosdall, L.
Water requirement and adaptation in Equisetum. Plant World, 22: 1-13, illus. 1919. no.1.

Plant World
Reed, H. S.
Volney Morgan Spalding. Plant World, 22: 14-18. port. 1919. no.1.

Proc. Roy. Soc. Ser. B
Balls, W. L.
The existence of daily growth-rings in the cell wall of cotton hairs. Proc. Roy. Soc. Ser. B, 90: 542-555 pl. 14-16 Jy.1919. no.634

Rev. Nac. Agr. Soc. Agr. Colombia
Cortés, Santiago
Xilologia. Breve estudio de los arboles y los maderas de Colombia. Rev. Nac. Agr. Soc. Agr. Colombia 14: 1732-54, 1853-54. 1918-19.

Rev. Sci. Pur. et Appl.
Beauverie, J.
Les méthodes de sélection appliquées aux céréales de semences, etat actuel de la question. Rev. Sci. Pur. et Appl. 30: 79-87, 99-114 F.15,28,1919. nos.3,4.

Lecomte, H.
Edouard Bureau. Rev. Sci. Pur. et Appl. 30: 97-98. F.28,1919. no.4.

Rev. Hort.
Berthault, P.
La réorganisation du Jardin d'essais du Hamma. Rev. Hort. 91: 292-294. illus. 16 juin 1919. no.18.

Meunissier, E.
De quelques idées sur la sélection des légumes. Des variations. Rev. Hort. 91: 300-303. 16 juin 1919. no.18.

Rhodora
Fernald, M. L.
Two new Myriophyllums and a species new to the United States Rhodora 21: 120-124 Jy.1919 no.247.
M. exalbescens, M. magdalense, new species
M. elatinoides new to U.S.

New England botanical club
Reports on the flora of the Boston district XXXI. Rhodora 21: 125-128 Jy.1919. no.247.

Pretz, H. W.
Discovery of Trisetum spicatum in Pennsylvania Rhodora 21: 128-132. Jy.1919 no.247.

Standley, P.C.
A new locality for Senecio crawfordii Rhodora 21: 117-120 Jy.1919 no.247

Sci. Month.
Stevens, N. E.
Two southern botanists and the civil war. Sci. Month. 9: 157-166 Ag.1919 no.2.
M. A. Curtis & H. W. Ravenel

K. Svenska Vetensk. Akad. Handl.
Cheel, E.
Plants. (Results of Dr. E. Mjöbergs Swedish scientific expeditions to Australia 1910-13. X) K. Svenska Vetensk. Akad. Handl. v. 52, no.10 18 p. illus., 2 pl. 1916.

Trans. Wagner Free Inst. Sci. Phila.
Harshberger, J. W.
The vegetation of the Hackensack marsh, a typical American fen. Trans. Wagner Free Inst. Sci. Phila. 9: 1-35 illus., plates My.1919. no.1.
V. G. Burns joint author

Vict. Nat.
Barnard, F. G. A.
Notes of a visit to Western Australia. Vict. Nat. 36: 24-40 Je.1919. no.2.

Wyoming Agr. Exp. Sta. Bull.
Beath, O. A.
The chemical examination of three species of larkspurs. Wyoming Agr. Exp. Sta. Bull. 120: 55-58. illus. June 1919.

Zeitschr. Bot.
Senn, Gustav
Weitere untersuchungen über die gestalts- und lagerveränderung der chromatophoren IV and V. Zeitschr. Bot. 11: 81-141. illus. 1919. no.3.
Literaturverzeichnis: p. 139-141.

Zeitschr. Indukt. Abstamm. u. Verebungsl.
Hartmann, M.
Theoretische bedeutung und terminologie der vererbungserscheinungen bei haploiden organismen. Zeitschr. Indukt. Abstamm. u. Verebungsl. 20: 1-26 illus. S.1918. no.1.
Literaturverzeichnis: p.26
Chlamydomonas, Phycomyces, honigbiene.

Zeitschr. Wiss. Mikrosp.
Küster, E.
Ueber vitalfärbung der pflanzenzellen I
Zeitschr. Wiss. Mikrosp. 35: 95-100 F.1919. no.2.

Recent books.

463 Cook, M.T.
C772 Applied economic botany. 1919.

120 Fox, R.H.
F82 Dr. John Fothergill and his friends. 1919.

95 Hedrick, U.P.
H35M Manual of American grape-growing. 1919.

99.79 Record, S.J.
R24 Identification of the economic woods of the United States. ed. 2. 1919.

241 Royal agricultu al society of England
R81 Catalogue of the Library. London, 1918

461.5 Smith, A. M.
C88B A monograph of the British lichens ed.2. pt.1 1918

LIBRARY

Agr. Colon.

Zanon, V.
L'orticoltura a Bengasi. Agr. Colon. 13: 154-176, 231-241. Je.,Jy.,1919. No.3/6,7.

Agr. News.

Nowell, W.
Investigation of the froghopper pest and disease of sugar-cane (concluded) Agr. News, 18: 222-223. Jl.12,1919. No.449.

Amer. Journ. Bot.

Farlow, W. G.
George Francis Atkinson. Amer. Journ. Bot. 6: 301-302. Jl.1919. No.7.
Roland Thaxter, L. H. Bailey, joint authors

Fitzpatrick, Harry M., comp.
Publications of George Francis Atkinson. Amer. Journ. Bot. 6: 303-308. Jl.1919. No.7.

Harper, R. A.
The structure of protoplasm. Amer. Journ. Bot. 6: 273-300. Jl.1919. no.7.

Knudson, L.
Viability of detached root-cap cells. Amer. Journ. Bot. 6: 309-310. Jl.1919.

Amer. For.

Lange, D.
Mysteries and revelations of the plant world. Amer. For. 25: 1273-1280. illus. Ag.1919. No.308.

An. Soc. Rur. Argent.

Girola, C. D.
Plantas tóxicas para el ganado. An. Soc. Rur. Argent. 53: 334. col. pl. My.1919. no.7.
Yerba de la víbora (Asclepias campestris)

Ber. Deut. Bot. Ges.

Bezssonof, N.
Ueber das wachsthum der aspergillaceen und anderer pilze auf stark zuckerhaltigen nährböden. Ber. Deut. Bot. Ges. 36: 646-648. Mr.1919. No.10.

Jahn, E.
Myxomycetenstudien. 9. Bemerkungen über einige seltene oder neue arten. Ber. Deut. Bot. Ges. 36: 660-668. pl. xviii. Mr.1919. No.10.

Kalt, B.
Ueber rückschlagsindividuen mit spelzweizen-eigenschaften bei nacktweizen der emmerreihe des weizens. Ber. Deut. Bot. Ges. 36: 669-671. Mr. 1919. no.10. (A. Schulz, joint author)

Klebahn, H.
Aus der biologie der askomyzeten. Ber. Deut. Bot. Ges. 36: (47)-(62) illus. Ap.29,1919.

Lehmann, E.
Die pentasepalie in der gattung Veronica und vererbungsweise der pentasepalen zwischenrassen. Ber. Deut. Bot. Ges. 36: (28)-(46) illus. Ap.29,1919.
"Literatur": p.(46)

Schroeder, H.
Der chemismus der kohlensäureassimilation im lichte neuer arbeiten. Ber. Deut. Bot. Ges. 36: (9)-(27) Ap.29,1919.

Ber. Ohara Inst. Landw. Forsch.

Kondo, Mantaro
Uber nachreife und keimungverschieden reifer reiskörner (Oryza sativa L.) Ber. Ohara Inst. Landw. Forsch. 1: 361-387. 1918. No.3. (Bibliographical footnotes)

Ber. Ohara Inst. Landw. Forsh. (cont.)
Kondo, M.
Uber die in der landwirtschaft Japans gebrauchten samen. Ber. Ohara Inst. Landw. Forsch. 1: 261-324. illus., fold. tab. 1918. no.3.

Bol. Sec. Agr. Com. y Trab. Ofic. Sanid. Veg. Cuba
Arango, R.
Algunas plagas de nuestros cultivos. Bol. Sec. Agr. Com. y Trab. Ofic. Sanid. Veg. Cuba 2: 1-94. illus., fold.map. 1919

Bot. Gaz.
Arthur, J. C.
Errors in double nomenclature. Bot. Gaz. 68: 147-148. Ag.1919 no.2.
Rust published in Bot. Gaz. May 1918 (65:470) as Puccinia nicotianae, thru re-determination of material of host plants, proves identical with P. acnisti (l.c.), both on Acnistus aggregatus

Bassler, H.
A sporangiophoric lepidophyte from the Carboniferous. Bot. Gaz. 68: 73-108. pl. ix-xi. Ag.1919. No.2.
"Literature cited": p.104-106.
Cantheliophorus, with several new species.

Burger, O. F.
Sexuality in Cunninghamiella. Bot. Gaz. 68: 134-146. Ag.1919. No.2.
Experiments with C. bertholletiae from nuts of Bertholletia excelsa.

Stout, A. B.
Intersexes in Plantago lanceolata. Bot. Gaz. 68: 109-133. pl. xii-xiii. Ag.1919. No.2.
Literature cited: p.132-133.

Bot. Tidsskr.
Boergesen, F. C. E.
A new moss collected in Blue mountains, Jamaica. Bot. Tidsskr. 36: 279-280. illus. Je.23,1919. No.5.
Anoectangium incrassatum - diagonsis by Brotherus.

Petersen, O. G.
Det nederste støtteblad i graessernes blomsterstand. Bot. Tidsskr. 36: 255-277. illus. Je.23,1919. No.5.

Bull. Orto Bot. Univ. Napoli
Cavara, F.
Produzione di gomma arabica dall' Acacia horrida Willd. Bull. Orto Bot. Univ. Napoli, 5: 313-316. illus. 1918.

Cavara, F.
Sulla resistenza delle piante all'avvizzamento. Bull. Orto Bot. Univ. Napoli, 5: 261-273. 1918.
Rosa Parisi, joint author

Grande, L.
Rettificazioni ed aggiunte all'Index Kewensis. (2. contributo) Bull. Orto Bot. Univ. Napoli, 5: 179-259. 1918.

Guadagno, M.
La vegetazione della penisola sorrentina. Bull. Orto Bot. Univ. Napoli, 5: 133-178. 1918
"Elenco bibliografico delle principali opere reguardanti la penisola sorrentina": p.137-142.

Mattei, G. E.
Di alcune specie ascritte al genere Bellevalia. Bull. Orto, Bot. Univ. Napoli, 5: 175-283. illus. 1918.
Further definition of genus Cavaraea, based on B. sessiliflora

Pantanelli, E.
Assorbimento elettivo di ioni nelle piante. Bull. Orto Bot. Univ. Napoli, 5: 1-54. 1918.
"Scritti citati": p.51-54.

Bull. Orto. Bot. Univ. Napoli (cont.)

Parisi, R.

Influenza dei sali su l'assimilazione clorofilliana e su la formazione d'amido. Bull. Orto Bot. Univ. Napoli, 5: 79-126. fold. tab., 2 fold.pl. 1918.

"Autori citati": p.121-124

Parisi, R.

Osservazioni sul dimorfismo sessuale nelle piante. Bull. Orto Bot. Univ. Napoli, 5: 289-311. 1918.

"Opere consultati": p.310-311.

Bull. Soc. Nat. Acclim. France

Mission, L.

Une nouvelle plante fourragère pour les pays sub-tropicaux, le Chloris gayana. Bull. Soc. Nat. Acclim. France, 66: 17-21. pl.iii. Ja.1919. No.1.

Canad. Hort.(Fruit ed.)

Jones, D. H.

Soft rot of vegetables. Canad. Hort.(Fruit ed.) 42: 202-203. Ag. 1919. No.8.

Compt. Rend. Acad. Agr. France

Fron, G.

Sur une maladie de la luzerne, produite par une chytridinée, l'Urophlyctis alfalfae (Lagerheim)Magnus. Compt. Rend. Acad. Agr. France, 5: 642-644. Je.1919.

E. Lasnier, joint author no.22.

Mangin, L. A.

Sur une maladie peu connue de la luzerne. Compt. Rend. Acad. Agr. France, 5: 629-631. Je.1919. No.22.

Presenting communication of MM. Fron & Lasnier

Country Life [Amer.]

Morrison, B. Y.

Irises for all gardens. Country Life [Amer.] v.36, no.2, p.24-39. illus. (partly col.) Je.1919. No.2.

Cultura

Wolk, P. C. van der

Onderzoekingen over blijvende modificaties en hun betrekking tot mutaties. Cultura, 31: 82-105. Mr.1919. No.3.

Garden.

Wister, J. C.

Visits to iris gardens. I- Garden, 83: 327-328. Jy.12,1919. no.2486.

I. Notes on new irises raised by Mr. A. J. Bliss at Morwellham, Tabistock, Devon.--

Garden Mag.

Dunbar, J.

Crabapples for the garden. Garden Mag. 30: 18-23. illus. Ag.1919. No.1.

Gard. Chron. III.

Farrer, R.

Mr. Reginald Farrer's second exploration in China. Gard. Chron. III. 66: 29-30, 74. illus. Jy.12,Ag.9,1919. no.1698, no.1702.

No. 3 Round Hpimaw. no. 4. Hpimaw hill and pass

The Genetical society. Gard. Chron. III. 66: 38, 44-45. Jl. 19, 1919. no.1699.

Saunders, E. R.

[Genetics of stocks] Gard. Chron. III. 66: 44-45. Jl.19,1919.

Genetics

Kempton, J. H.

Inheritance of spotted aleurone color in hybrids of Chinese maize. Genetics, 4: 261-274. My.1919. No.3.

Literature cited, p.274

Hawaii Bd. Agr. & For. Bot. Bull.

Rock, J. F. C.
The arborescent indigenous legumes of Hawaii. Hawaii Bd. Agr. & For. Bot. Bull. 5: 1-53. illus. (pl.i-xviii) Je.1919. No.5.

Rock, J. F. C.
The Hawaiian genus Kokia; a relative of the cotton. Hawaii Bd. Agr. & For. Bot. Bull. 6: 1-22. illus. (pl.i-vii) Je.1919. No.6.

Illinois Agr. Exp. Sta. Bull.

Peltier, G. L.
Snapdragon rust. Illinois Agr. Exp. Sta. Bull. 221: 535-548. illus. Ag.1919.

Journ. Agr. Prat. (1919) n.s.

Gaudot, G.
Le doyen des acacias en Europe. Journ. Agr. Prat. (1919) n.s., 32: 510. pl. Jl. 24, 1919
Robinia pseudo-acacia, planted by Vespasien Robin in Jardin des plantes in 1636. No.25.

Mottet, Séraphin J.
Les mélèzes et le mélèze du Japon. Journ. Agr. Prat. n.s. 32: 384-386. illus. Je.12,1919. No.19.

Journ. Agr. Res.

Appleman, C.O.
Carbohydrate metabolism on sweet corn during storage at different temperatures. Journ. Agr. Res. v.17, no. 4 p.137-152 Jy.15,1919.
Arthur, J. M. joint author

McIndoo, N. E.
Derris as an insecticide. Journ. Agr. Res. 17: 177-200. Ag.15,1919. No.5.
Literature cited: p. 200
A. F. Sievers & W. S. Abbott, joint authors

Reed, H. S.
Certain relationships between the flowers and fruits of the lemon Journ. Agr. Res. v.17, no.4, p.153-165 Jy.15,1919
Paper no. 54 Univ. Calif. Grad. School Trop. Agr. & Citrus Exp. Stat.

Russell, G. A.
Effect of removing the pulp from camphor seed on germination and the subsequent growth of the seedlings. Journ. Agr. Res. 17: 223-238. pl. 20-21. Ag.15,1919. no.5.

Journ. Arn. Arb.

Rehder, A.
New species, varieties and combinations from the herbarium and the collections of the Arnold Arboretum. Journ. Arn. Arb. 1: 44-60. no.1. 1919.
Introduction discusses principles of botanical and horticultural nomenclature.

Sargent, C. S.
Notes on North American trees. V. Journ. Arn. Arb. 1: 61-65. Jl. 1919. No.1.
Species of Populus and Betula

Schneider, C. K.
Notes on American willows. V. The species of the pleonandrae group. Journ. Arn. Arb. 1: 1-32. Jl.1919. No.1.

Wilson, E. H.
A phytogeographical sketch of the ligneous flora of Korea. Journ. Arn. Arb. 1: 32-43. Jl.1919. No.1.

Journ. Bacteriol.

Waksman, S. A.
Studies in the metabolism of Actinomyces. Journ. Bacteriol. 4: 189-216. My.1919. no.3.
References: p. 215-216.

Journ. Bd. Agr. Great Brit.
Stapledon, R. G.
The effect of drying on the germination of the cereals. Journ. Bd. Agr. Great Brit. 26: 364-381. Jl.1919 no.4.
Margaret Adams, joint author

Journ. Dept. Agr. & Techn. Instr. Ireland.
Pethybridge, G. H.
Investigations on potato diseases (10th rept.) Journ. Dept. Agr. & Techn. Instr. Ireland, 19: 271-292. pl. My.1919. no.3.

Journ. Dept. Agr. Victoria
Pescott, E. E.
The Australian flora from an ornamental aspect (cont.) Journ. Dept. Agr. Victoria, 17: 360-364, 422-430, illus. Je., Jy.,1919. No.6,7.

Journ. Heredity.
Fairchild, D.
The dramatic careers of two plantsmen. Journ. Heredity, 10: 276-280. illus. Je.1919. no.6.
Frank N. Meyer and Aaron Aaronsohn

Johnson, J.
An improved strain of Wisconsin tobacco. Journ. Heredity, 10: 281-288. illus. Je.1919. no.6.
Connecticut Havana no.38

Murrell, G. E.
A commercially new blueberry. Journ. Heredity, 10: 271-275. illus. Je.1919. No.6.
High-bush swamp-huckleberry - probably Vaccinium virgatum Ait.

Roberts, H. F.
The founders of the art of breeding. IV. Pre-Mendelian breeders of the nineteenth century (concluded) Journ. Heredity. 10: 257-270. Je.1919 no.6.
Bibliography, p. 270
Sageret, Darwin, Godron, Naudin, B. Verlot, Wichura.

Journ. N. Y. Bot. Gard.
Britton, E. G.
The re-discovery of Fissidens donnellii Austin. Journ. N. Y. Bot. Gard. 20: 138-142. illus., pl. 233. Jl. 1919. no.235.

Journ. Roy. Hort. Soc.
Bowles, E. A.
The effect of the frosts of the winter of 1916-17 on vegetation. Journ. Roy. Hort. Soc. 43: 388-461. F.1919. no.2/3
"The winter of 1916-17 at Aldenham, Elstree, Herts", by Vicary Gibbs: p. 393-397.
"List of plants": p.405-461

Bowles, E. A.
Monographs for an amateur gardener's library. Journ. Roy. Hort. Soc. 43: 359-371. F.1919

Dickson, G. T.
Spencer-flowered Cupid sweet pea. Journ. Roy. Hort. Soc. 43(Proc.): xcvi-xcvii. diagrs. F.1919. no.2/3.

Durham, H. E.
The Lorette system of pruning ("La taille Lorette") Journ. Roy. Hort. Soc. 43: 261-277. illus., plates. F.1919. no.2/3. ("Literature": p.277)

Easlea, W.
Mildew-resistant roses: with some suggestions as to increasing their number. Journ. Roy. Hort. Soc. 43: 253-260. F.1919. No.2/3.

Fielder, C. R.
Trees and shrubs for autumn and winter effect. Journ. Roy. Hort. Soc. 43: 340-345. F.1919. no.2/3.

Journ. Roy. Hort. Soc.

Grove, T. B.

Hybrid campanulas. Comparison of F^1 seedlings and the effect of the male parent. Journ. Roy. Hort. Soc. 43 (Proc.): xcix-xcx F.1919. no.2/3

Hurry, J. B., 1857-

Plant disease and the "vicious circle". Journ. Roy. Hort. Soc. 43: 309-315. F.1919. no.2/3.

McAdie, A. G.

Preservation of crops from injury by frost. Journ. Roy. Hort. Soc. 43: 334-339. F.1919. no.2/3.

Pickering, P. S. U., 1858-

The action of one crop on another. Journ. Roy. Hort. Soc. 43: 372-380. plates. F.1919. no.2/3.

Journ. Wash. Acad. Sci.

Safford, W. E.

Notes on the genus Dahlia, with descriptions of two new species from Guatemala. Journ. Wash. Acad. Sci. 9: 364-373. illus. Jl. 19, 1919. no.13.

D. popenovii and D. maxonii n. spp.

Naturwissenschaften, Die

Lewin, L.

Pfeilgifte und pfeilgiftwirkungen. Die Naturwissenschaften, 7: 181-186. Mr.21,1919. no.12.

Ohio Journ. Sci.

Sayre, J. D.

Factors controlling variations in the rate of transpiration. Ohio Journ. Sci. 19: 491-509. diagrams. Je.1919. no.8.

"Literature cited": p.509.

Schaffner, J. H.

Unusual dichotomous branching in Vernonia. Ohio Journ. Sci. 19: 487-490. illus. Je.1919. no.8.

Papers from Dept. Bot. Ohio State Univ. no. 110.

Physiol. Researches, Prel. Abstr.

Long, F. L.

The quantitative determination of photosynthetic activity in plants. Physiol. Researches, Prel. Abstr. 2: 277-279. Ag.1919. no.6.

Phytopath.

American phytopathological society - Cereal pathologists

St. Louis conference on take-all and flag smut of wheat. Phytopath. 9: 330-332. Ag.1919. no.8.

Held May 12, 1919

W. G. Stover, secretary

Doolittle, S. P.

Seed transmission of cucurbit mosaic by the wild cucumber. Phytopath. 9: 326-327. Ag.1919. no.8.

W. W. Gilbert, joint author

Possible that certain percentage of seed of Micrampelis lobata may produce diseased plants the following season.

Guba, E. F.

Phyllosticta leaf spot and damping off of snapdragons. Phytopath. 9: 315-325. illus. Ag.1919. no.8.

P. J. Anderson, joint author

Phyllosticta antirrhini

Hoerner, G. R.

Biologic forms of Puccinia coronata on oats. Phytopath. 9: 309-314. pl.xix-xx. Ag.1919. no.8.

Literature cited: p. 314.

Paper no.151 Journ. Ser. Minn. Agr. Exp. Sta.

Rust of oats P. coronata Cda. as distinguished from P. graminis on Triticum.

McKinney, H.H.

Nomenclature of the potato scab organism. Phytopath. 9: 327-329. Ag.1919. no.8. (Literature cited: p.329)

Actinomyces scabies, not A. chromogenus.

Phytopath.

Thurston, H. W. jr.
Puccinia antirrhini. Phytopath. 9: 330. Ag.1919. no.8.
Found in greenhouse of Hort. Dept. Univ. Nebr. Dec. 1918

Plant World

Dosdall, Louise
Water requirement and adaptation in Equisetum (cont.) Plant World, 22:29-44. illus. Feb. 1919. no.2.
"Bibliography": p. 44

McGregor, E. A.
The relation of irrigation to humidity in a recently reclaimed desert. Plant World, 22: 45-52. tables. no.2. Feb. 1919.

Conard, H. S.
The classification of vascular plants: a review. Plant World, 22: 59-70. Mr.1919. no.3.
"Bibliography": p.70

Eastwood, Alice
Early spring at the Grand Cañon near El Tover Plant World. 22: 95-99 illus. Ap.1919. no.4.

Johnston, I. M.
The flora of the pine belt of the San Antonio mountains of Southern California Plant World 22: 71-90, 105-122, illus. Mr.,Ap.1919. no.3,4.

Shreve, E. B.
A thermo-electrical method for the determination of leaf temperature. Plant World 22: 100-104. illus. Ap.1919. no.4.

Proc. Colo. Sci. Soc.

Headden, W. P.
The vitality of alfalfa seed as affected by age. Proc. Colo. Sci. Soc. 11: 239-249. Je.1919.
"References": p.249.

MacMillan, H. G.
The vitality of alfalfa roots. Proc. Colo. Sci. Soc. 11: 251-252. pl. i-iv. Je.1919.

Proc. Nat. Acad. Sci.

Hurd, A. M.
Some orienting effects of monochromatic lights of equal intensities on Fucus spores and rhizoids. Proc. Nat. Acad. Sci. 5: 201-206. Je.1919. No.6.
References on p.206

Reed, H. S.
The growth rate of an annual plant Helianthus. Proc. Nat. Acad. Sci. 5: 135-144. Ap.1919. no.4. (Bibliography) (R.H. Holland, joint author)

Stout, A. B.
Bud variation. Proc. Nat. Acad. Sci. 5: 130-134. Ap.1919. no.4. (Bibliography)

Proc. N. J. State Hort. Soc.

Blake, M. A.
Winter injury to fruit trees. Proc. N. J. State Hort. Soc. (1918) 44: 106-110. 1919.

Cook, M. T.
[Plant diseases of 1918] Proc. N. J. State Hort. Soc. (1918) 44: 22-26. 1919. (p.25-26, discussion)

White, E. C.
[Blueberries under cultivation] Proc. N. J. State Hort. Soc. (1918) 44: 75-76. 1919.

Queensland Agr. Journ.

White, C. T.
Luminous fungi. Queensland Agr. Journ. 12: 33-34. illus. Jl. 1919. no.1.

Rec. Trav. Bot. Néerl.

Lohr, P. L.

Untersuchungen über die blattanatomie von alpenund ebenenpflanzen. Rec. Trav. Bot. Néerl. 16: 1-62. 12 fold. tables. 1919. no.1.

Tammes, T.

Die flachsblüte. Rec. Trav. Bot. Néerl. 15: 185-227. illus. 1918. no.2.

Bibliography in footnotes

Revista Agr. Com. y Trab.

Calvino, M.

Una leguminosa gigantesca como yerba forrajera para Cuba. La "mermelada de caballo" del Brasil. Revista Agr. Com. y Trab. 2: 308-31y. illus. Jl.1919. no.7.

Henriquez, J. A.

Habichuelas soyas. Revista Agr. Puerto Rico, 3: 18-29. Je.1919, no.1.

Legrand, J. F.

Plantas medicinales. Revista Agr. Puerto Rico, 3: 36-38, Je.1919 no.1.

Rev. Gén. Bot.

Colin, H.

L'inuline chez les végétaux genèse et transformation (fin) Rev. Gén. Bot. 31: 229-250, 277-286. Je., Jy. 1919: nos. 366, 367.

Gagnepain, François

Edouard Bureau, sa vie et son oeuvre. Rev. Gén. Bot. 31: 209-218. port.(front.) Je.15, 1919.

"Liste des travaux de Ed. Bureau": p.214-218. no.366.

Michel-Durand, Emile

Variation des substances hydro-carbonées dans les feuilles (fin) Rev. Gén. Bot. 31: 251-268, 287-317. Je.,Jy.1919. nos. 366, 367.

Tison, A.

Sur le suspenseur de Trapa natans L. Rev. Gén. Bot. 31: 219-228. illus., pl.4. Je.15,1919, no.366.

Rhodora

Eames, E. H.

Another exceptional specimen of Daucus carota. Rhodora 34: 147-148. Ag.1919 no.248.

Fernald, M. L.

The identity of Angelica lucida. Rhodora, 21: 144-147. Ag.1919. no.248.

Coelopleurum lucidum n.comb., and C. lucidum, forma frondosum.

Fernald, M. L.

A new Polygonum from southeastern Massachusetts Rhodora, 21: 140-142. Ag.1919. no.248.

P. puritanorum

Fernald, M. L.

The white-flowered bird's eye primrose. Rhodora, 21: 148. Ag.1919. No.248.

Primula mistas inica, forma leucantha

Long, B.

The specific characters of Eragrostis peregrina and its two allies. Rhodora, 21: 133-140. Ag.1919. No.248.

E. peregrina, E. purshii, E. pilosa

Long, C. A. E.

Notes from Matinicus. Rhodora, 21: 148. Ag.1919

Amsinckia douglasiana introduced; Matinicus a station for Typha latifolia

Science

Speare, A. T.
The fungus parasite of the periodical cicada.
Science, n.s. 50: 116-117. Ag. 1, 1919 no.1283
Massospora cicadina Peck

Oberly, E. R.
The agricultural libraries section of the American library association. Science, n.s., 50: 167-168. Ag. 15, 1919. no.1285.

Sci. Amer. Suppl.

Spinden, H. J.
Origin of American agriculture; ancient pottery reveals the invention and spread of agriculture in America. Sci. Amer. Suppl. 88: 120-121, 127. illus. Ag.23,1919. no.2277.

Staz. Sper. Agr. Ital.

Scalia, G.
Sull' Ascochyta pisi Lib. Staz. Sper. Agr. Ital. 51: 228-242, pl. viii. 1918. no.3/6

Lo Priore, G.
Sulla ereditarietà della fasciazione nelle spighe del mais. Staz. Sper. Agr. Ital. 51: 415-429. 1918. no.9/12. ("Lavori consultati": p.429.)

Pantanelli, Enrico
Esperienze ed osservazioni sui principali sistemi di lotta contro le cavallette. Staz. Sper. Agr. Ital. 51: 245-305. 1918. no.7/8.
Bibliography in footnotes
Esperienze con Coccobacillus acridiorum d'Her., p.249-268.

Tidsskr. Planteavl.

Ravn, F. K., ed.
Oversigt over havebrugsplanternes sygdomme i 1916 og 1917. Med bistand af C. Ferdinandsen, J. Lind og Sofie Rostrup. Tidsskr. Planteavl. 26: 298-334. 1919. no.2.

Torreya

Harper, R. M.
Tumion taxifolium in Georgia. Torreya, 19: 119-122. Je.1919 no.6.

Pennell, F. W.
Scrophulariaceae of the local flora. I- Torreya, 19: 107-119, Je.1919. no.6.

Trans. Mass. Hort. Soc.

Galloway, B. T.
Protecting American crop plants against alien enemies. Trans. Mass. Hort. Soc. 1919, p.75-87. 1919, pt.1.
John Lewis Russell lecture, Feb. 15, 1919
Explaining Quarantine order no.37.
Discussion, p.84-87.

Wisc. Horticulture

Howitt, J. E.
Tomato diseases. Wisc. Horticulture, 9: 62. Ag.1919. no.12.
Blossom end rot and Leaf spot or blight

Zeits. Forst- u. Jagdwes

Büsgen, M.
Omnivorie und spezialisation bei parasitischen pilzen. Zeits. Forst- u. Jagdwes. 51: 144-153. Mr.1919. no.3.

Zeits. Indukt. Abstamm. u. Vererb. Lehre.

Rasmuson, H.
Kreuzungsuntersuchungen bei reben. Zeits. Indukt. Abstamm. u. Vererb. Lehre. 17: 1-52. illus. N.1918.
Literaturverzeichnis: p. 51-52.

Zeits. Indukt. Abstamm. u. Vererb. Lehre. (cont.)
Ulrich, G. von.
Beitrag zu einer faktorenanalyse von gerste. II
Zeits. Indukt. Abstamm. u. Vererb. Lehre, 20; 65-118. illus. Ja.1919. no.2.

Recent Books.

75 Böttner, Johannes
B654P Praktische gemüsgärtnerei 9. aufl. 1919.

452.82 Bruntz, Louis Charles Théophile
B83 Plantes officinales et plantes à drogues médicamenteuses. Paris, 1918.

90 Davis, Kary Cadmus
D291 Horticulture; a text book for high schools and normals. Phila. & London, c1919 (Farm life text series)

93 Gressent, Vincent Alfred
G863A L'arboriculture fruitière ... 13. éd. Paris, 1916

241.75 International catalogue of scientific literature.
In8 M. Botany. 14th annual issue (1914) Lond.
v.14 Jan. 1919.

93 Lawrance, C. F.
L432 Hardy fruit culture. London, 1919.

79 Michener, Ezra
M58 A manual of weeds, or The weed exterminator. Philadelphia, 1872.

Spoehr, Herman Augustus
The carbohydrate economy of cacti. Wash., 1919. (Carnegie Inst. Pub. no.287)

CHEM. LIBRARY

Agr. Gaz. N. S. W.

Breakwell, E.
Popular descriptions of grasses (cont.) The uncultivated panic grasses. Agr. Gaz. N. S. W. 30: 484-493 illus. Jy.1919. No.7.

Agr. Journ. India

Bhide, R. K.
Probable material for the study of the experimental evolution of Oryza sativa var.. plena Prain Agr. Journ. India 14: 494-499 pl. xii-xiii 1919

McRae, W.
A disease of the Para rubber tree, caused by Phytophthora meadii, McR. Agr. Journ. India 14: 566-577 illus., pl.xvii Jy.1919 no.4.

Mann, H. H. and Nagpurkar, S. D.
Notes on the "ring disease" of potato Agr. Journ. India 14: 388-394 1919 no.3.

Ann. Bot.

Blackman, V. H.
The compound interest law and plant growth Ann. Bot. 33: 353-360 Jy.1919 no.131

Cleland, Ralph E.
The cytology and and life-history of Nemalion multifidum Agr. Ann. Bot. 33: 323-351 pl. xxii-xxiv Jy.1919. no.131. (Literature cited: p.347-348)
Contr. Bot. Labor. Univ. Penn.

Dey, P. K.
Studies in the physiology of parasitism V. Infection by Colletotrichum lindemuthianum. Ann. Bot. 33: 305-312. pl. xxi Jy.1919. no.131.
References: p.311

Whitby, S.
Variation in Hevea brasiliensis Ann. Bot. 33: 313-321. Jy.1919. no.131.

Willis, J. C.
The floras of the outlying islands of New Zealand and their distribution Ann. Bot. 33: 267-293 Jy.1919. no.131. (Literature cited: p. 293)

Wormald, H.
The "brown rot" diseases of fruit trees, with special reference to two biologic forms of Monilia cinerea Bon. I Ann. Bot. 33: 361-404 pl.xxv-xxvi Jy.1919. no.131. (Bibliography: p.398-403)

Ann. Rep. Dept. Agr. Jamaica

Ashby, S. F.
Report of microbiologist 1918-19. Ann. Rep. Dept. Agr. Jamaica, 1918/19: 26 1919

Ann. Rep. Director, Delaware Agr. Exp. Stat.

Manns, T. F.
Report of plant pathologist 1917/18 Ann. Rep. Director, Delaware Agr. Exp. Stat. 1917/18 (Bull. 122): 28-30 Nov. 1, 1918.

Ann. Rep. Minnesota Agr. Exp. Stat.

Freeman, E. M.
[Report] of the Div. of plant pathology and botany 1917/18 Ann. Rep. Minnesota Agr. Exp. Stat. 26 (1917/18): 66-67. 1918.

Minnesota. Agricultural experiment station - Div. of agricultural biochemistry
Biochemistry of resistance to diseases in plants Its Ann. Rep. 26(1917/18): 40-41. 1918
R. A. Gortner, chief

Ann. Rep. Philippine Bur. Agr.
Philippine Islands. Bureau of agriculture.- Pest control section
[Report] In 17th Ann. Rep. Philippine Bur. Agr.1917 Philippine Agr. Rev. 12: 84-95. pl.xxi-xxvi 1919. no.2.

Ann. Rep. Sec. Agr. Nova Scotia
Smith, H. W.
Report of professor of botany Ann. Rep. Sec. Agr. Nova Scotia 1918 p. 51-58 1919
Notes on plant diseases

Arkansas Agr. Exp. Stat. Bull.
Rosen, H. R.
A bacterial root-rot of field corn. Arkansas Agr. Exp. Stat. Bull. 162. 7 p. 4 pl. Ag.1919. (Bibliography: p. 6) (Organism not named)

Better Fruit
Fisher, D. F.
Factors that influence diseases of apples in storage Better Fruit v.14, no.3 p.4-5, 23-28. illus. S.1,1919.

Bot. Gaz.
Bonazzi, Auguste
On nitrification. III. The isolation and description of the nitrite ferment. Bot. Gaz. 68: 194-207 pl.xiv
Literature cited: p.206-207 no.3.

Hill, J. B.
Anatomy of Lycopodium reflexum Bot. Gaz. 68: 226-231 illus. S.1919 no.3.

Miller, W. L.
Polyxylic stem of Cycas media Bot. Gaz. 68: 208-221. illus. S.1919. no.3.
Contr. Hull Bot. Labor. 252

Stevens, F. L. and Dalbey, Nora
A parasite of the tree fern (Cyathea) Bot. Gaz. 68: 222-225 pl. xv-xvi S.1919 no.3.
Griggsia cyathea

Vestal, A. G.
Phytogeography of the eastern mountain-front in Colorado I Bot. Gaz. 68: 154-193 illus. S.1919 no.3.(Contr. Hull Bot. Labor. 251)
I.Physical geography and distribution of vegetation.
Literature cited: p. 192-193.

Bot. Mag. Tokyo
Asai, T.
Ueber einen krystalinischen bestandteil von Gardenia florida L. Bot. Mag. Tokyo 33: 70-71 Mr.1919. no.387

Koidzumi, G.
Contributiones ad floram Asiae orientalis (cont.) Bot. Mag. Tokyo 33: 110-122, 123-129. My.,Je.1919. nos. 389, 390.

Matsuda, S.
A list of plants collected by I. Yamazuta on Mt. Omei Bot. Mag. Tokyo 33: 130-137, 143-152. Je., Jy.1919. nos.390,391.

Nagai, I.
Induced adventitious growth in the gemmae of Marchantia Bot. Mag. Tokyo 33: 99-109 illus. My.1919. no.389 (Literature cited: p.108-109

Namikawa, I.
Ueber das öffnen der antheren bei einigen solanaceen. Bot. Mag. Tokyo 33: 62-69 illus. Mr.1919 no.387

Yasuda, A.
Zwei neue arten von Polyporus Bot. Mag. Tokyo 33: 139-142 illus. Jy.1919. no.391.
P. tsunodae, P. greenii

Bryol.

Burnham, S. H.
Hepaticae of the Lake George flora. Bryol. 22: 33-37 Jy.1919 no.4.

Chamberlain, E. B.
A herbarium note Bryol. 22: 39-40 Jy.1919
Method of mounting sets of exsiccati.

Grout, A. J.
Moss notes II Two Pogonstums. Bryol. 22: 37-38 illus. Jy.1919. no.4.
P. brevicaule, P. Brachyphyllum

Taylor, A.
Mosses as formers of tufa and of floating islands. Bryol. 22: 38-39 Jy.1919. no.4.

Bull. Econ. Indochine.

Crevost, Ch and Lemarié, Ch
Plantes et produits filamenteux et textiles de l'Indochine. Bull. Econ. Indochine n.s. 22:365-401. no.136 (Les cotonniers de l'Indochine) 2 pl. My,Je.1919.

Bull. So. Calif. Acad. Sci.

Davidson, A.
Lupinus subhirsutus n. sp. Bull. So. Calif. Acad. Sci. 18: 80 Jy.1919. no.2.

Moxley, G. L.
Petalody of the stamen in Eschscholtzia Bull. So. Calif. Acad. Sci. 18: 79 Jy.1919 no.2.

Payne, T.
The California wild garden in Exposition park, its history and objects Bull. So. Calif. Acad. Sci. 18: 54-77 illus. Jy.1919. no.2.

Calif. Citrogr.

Newell, W.
Citrus cankereradication in the state of Florida Calif. Citrogr. 4: 313, 323. no.11. S.1919

Canad. Field Nat.

Davidson, J.
Douglas fir sugar Canad. Field Nat. 33: 6-9 illus. Ap.1919 no.1.

Kirkconnell, T. W.
The flora of Kapuskasing and vicinity Canad. Field Nat. 33: 33-35 My.1919. no.2.

Colorado Agr. Exp. Stat. Bull.

Robbins, W. W. and Breeze Boyack
The identification and control of Colorado weeds Colorado Agr. Exp. Stat. Bull. 251. 123, [3] p. illus. Jy.1919

Compt. Rend. Acad. Sci.

Blaringhem, L.
A propos de l'hérédité des fascies de Capsella viguieri Compt. Rend. Acad. Sci. Paris 169: 298-300 Ag.1919. no.6.

Guilliermond, A.
Sur le chondriome et les formations du sac embryonnaire des liliacées Compt. Rend. Acad. Sci. Paris 169: 300-303 illus. Ag.1919. no.6

Régnier, R.
Sur le chancre bactérien du peuplier (Micrococcus populi) Compt. Rend. Acad. Sci. Paris 169: 85-88 Jy.1919. no.2.

Compt. Rend. Soc. Biol. Paris

Biourge, P.
Penicillium leucopus (Persoon) Biourge Compt. Rend. Soc. Biol. Paris 82: 877-880 Jy.1919 no.23

Compt. Rend. Soc. Biol. Paris (cont.)

Biourge, P.
Position taxonomique de l'Oospora crustacea (Bull.) Sacc. Compt. Rend. Soc. Biol. Paris 82: 950-951 Jy.1919. no.23.
Notes also on Dicoccum asperum Corda & Botrytis-lutescens Sacc. & Roumeg.

Debasieux, P.
Une chytridinée nouvelle: Caelomycidium simulii nov. genr. nov. spec. Compt. Rend. Soc. Biol. Paris 82: 899-900 Jy.1919 no.23.

Dufrénoy, J.
Les mycoses monifiantes de chenilles processionnaires des pins d'Arcachon Compt. Rend. Soc. Biol. Paris 82: 962-963 1919. no.24

Guilliermond, A.
Sur les caractères du chondriome dans les premiers stades de la différenciation du sac embryonnaire de Tulipa suaveolens. Compt. Rend. Soc. Biol. Paris 82: 976-979 illus. 1919. no.24.

Sartory, A.
Ontchomycoses provoquées par un champignon du genre Scopulariopsis Compt. Rend. Soc. Biol. Paris 82: 808-809 1919 no.2.

Cuba Rev.

Pearson, C. H.
The sea grape or uvero tree. Cuba Rev. 17 (9): 14-19. illus. Ag.1919. (Coccoloba uvifera)

Field Mus. Nat. Hist. Publ.

Millspaugh, C. F. and Sherff, E. E.
Revision of the North American species of Xanthium. Field Mus. Nat. Hist. Publ. 204 Bot. Ser. 4: 9-49 pl.vii-xiii Ap.1919. no.2.

Flor. Exch.

Marlatt, C. L.
Quarantine order 37 Flor. Exch. 48: 419-421 Aug.30,1919. no.9.

Garden

Dykes, W. R.
Iris tectorum Garden 83: 413-414. illus. Aug.30,1919. no.2493.

Dykes, W. R.
Iris tingitana Garden 83: 351 illus. Jy.26,1919. no.2488

Wister, J. C.
Visits to iris gardens II-V Garden 83: 351-352, 364, 377, 388-389. Jy.26-Ag.16,1919. no.2488-91.

Gard. Chron. III.

Bean, W. J.
The London plane (Platanus acerifolia) Gard. Chron.III, 66: 47. illus. Jy.26,1919. no.1700
illus. on p.48, 49, 50, 51.

Dykes, W. R.
Tulips and their ways Gard. Chron. III, 66: 89-90, 113-114 illus. Ag.16,30,1919. nos.1703,1705.

Farrar, R.
Mr. Reginald Farrer's second exploration in Asia no.5 May on the heights. Gard. Chron.III, 66: 101. illus. Ag.25,1919 no.1704.

Warner, M. F.
Catalogue of the library of the Massachusetts horticultural society Gard. Chron. III, 66: 109 Ag.23,1919. no.1704.

Journ. & Proc. Roy. Soc. West Austr.
Fitzgerald, W. V.
The botany of the Kemberleys, North-west Australia
Journ. & Proc. Roy. Soc. West Austr. 3: 102-224 1918

Journ. Bd. Agr. Brit. Guiana
Waby, J.F.
Notes on a collection of preserved dry fruits and seeds (cont.) Journ. Bd. Agr. Brit. Guiana 12: 102-111 Ap.1919. no.2.

Waby, J. F.
Some interesting species of palms (cont.) Journ. Bd. Agr. Brit. Guiana 12: 112-115 Ap.1919. no.2.

Journ. Bot.
Britten, James
Henry W. Burgess's "Eidodendron". Journ. Bot. 57: 223-224 Ag.1919 no.680.

Church, A. H.
Androecium and gynoecium. Journ. Bot. 57: 220-223 Ag.1919 (On history of spelling of words)

Grove, W. B.
Mycological notes IV Journ. Bot. 57: 206-210 illus. Ag.1919 no.680
I. Phyllositcta and Phleospora. II. Sphaerulina intermixta (R. & Br.) and its allies

Moore, S. LeM
Alabastra diversa XXXI. Miscellanea Africana Journ. Bot. 57: 213-219 Ag.1919. no.680.

Verdoorn, I. C.
The genus Fagara as represented in the South African herbaria Journ. Bot. 57: 201-205 Ag.1919. no.680.

Journ. Econ. Entom.
Ong, E. R. de
Effect of excessive sterilization measures on the germination of seeds Journ. Econ. Entom. 12: 343-345 Ag.1919 no.4.

Journ. Linn. Soc.
Pugsley, H. W.
A revision of the genus Fumaria and Rupicapnos Journ. Linn. Soc. 44: 233-355 pl. 9-16 My.1919.
List of works cited: p. 246-250 no.298.

Salmon, C. E.
A hybrid Stachys Journ. Linn. Soc. Bot. 44: 357-362 illus. My.1919. no.298
S. alpina x germanica

Journ. N. Y. Bot. Gard.
Rose, J. N.
Botanical exploration in Ecuador in 1918 Journ. N. Y. Bot. Gard. 20: 155-160 2 pl. Ag.1919. no.236.

Matières Grasses
Jumelle, H.
Sur la culture à Marseille de diverses variétés de ricin en 1918 Matières Grasses 12: 5159-5162 Jy. 15,1919. no.135.

Monatschr. Kakteenk.
Meyer, R.
Echinopsis gigantea R. Mey. spec. nov. Monatsschr. Kakteenk. 29: 58-60 My.1919 no.5

Schwantes, G.
Mesembrianthemum margaretae Schwantes spec. nov. Mortasschr. Kakteenk. 29: 55-57 illus. My.1919 no.5.

Vaupel, F.
Aus der alten kakteenliteratur.(cont.) Monatsschr. Kakteenk. 29: 49-54 illus. My.1919. no.5.

Month. Bull. Stat. Comm. Hort. Calif.

Newell, W.
Citrus canker eradication in Florida. Month. Bull. Stat. Comm. Hort. Calif. 8: 395-399 Jy.1919
Discussion: p.395-399 no.7.

Mycologia

Fitzpatrick, H. M.
Rostronitschkia, a new genus of Pyrenomycetes Mycologia 11: 163-167 pl. 11 Jy.1919. no.4.
Parasitic on Gesneria albiflora in Porto Rico and Jamaica.

Garrett, A. O.
The smuts and rusts of Utah III Mycologia 11: 202-215. Jy.1919. no.11.

Murrill, W. A.
Bahama fungi Mycologia 11: 222-223 Jy.1919 no.11. (Polyporus bracei sp. nov.)
Fungi collected by L.J.K.Brace

Murrill, W. A.
Fungi from Ecuador Mycologia 11: 224 Jy.1919. no.11.

Murrill, W. A.
A new species of Lentinus from Minnesota Mycologia 11: 223-224 Jy.1919. (L. freemanii)

Murrill, W. A.
Queer fungous growths Mycologia 11: 225-226 illus. Jy.1919. no.11.
Sterile mycelia, collected in Texas, called "oil bloom"

Orton, C. R.
Notes on some polemoniaceous rusts Mycologia 11: 168-180 Jy.1919. no.11.

Shear, C. L.
The mycological work of Moses Ashley Curtis Mycologia 11: 181-201. Jy.1919. (Literature cited; p.200-201)
N.E.Stevens joint author

Nat. Geogr. Mag.

Fairchild, D. and Meyer, F. N.
A hunter of plants Nat. Geogr. Mag. 36: 57-77 illus Jy.1919. no.1.

Naturw. Wochenschr.

Esmarch, F.
Die wichtigsten kartoffelkrankheiten Naturw. Wochenschr. n.f., 18: 89-98 illus. F.16,1919. no.7.

Stark, P.
Das resultantengesetz in der pflanzerphysiologie Naturw. Wochenschr. n.f., 18: 201-207 Ap.13,1919. no.15.
Zitierte literatur: p. 207

New Phytol.

Small, J.
The origin and development of the Compositae XII New Phytol. 18: 129-176 illus. My./Je.1919. no.5/6
Bibliography: p. 170-176.

Brooks, F. T.
An account of some field observations on the development of potato blight New Phytol. 18: 187-200 My./Je.1919. no.5/6

New Zeal. Journ. Agr.

Hyde, W. C.
Control of brown-rot of stone-fruits. The Stoke experiments: season 1918-19. New Zeal. Journ. Agr. 19: 24-26 Jy.1919 no.1.

Notes Bot. School Trinity Coll. Dublin

Flood, M. G.
Exudation of water by Colocasia antiquorum
Notes Bot. School Trinity Coll. Dublin 3: 59-65 pl.xlviii Je.1919
Reprinted from Sci. Proc. Roy. Soc. Dublin v.15 (no.36)

Pharm. Era

Rusby, H. H.
The New York botanical garden... Pharm. Era 52: 197-200 illus. Aug.1919. no.8.

Small, J.
Triticum repens, a commercial rarity Pharm. Journ. IV, 49: 73-75 illus. Jy.26,1919. no.2910

Philippine Journ. Sci.

Merrill, E. D. and Wade, H. W.
The validity of the name Discomyces for the genus of fungi variously called Actinomyces, Streptothrix and Nocardia. Philippine Journ. Sci. 14: 55-69 Ja.1919. no.1. (References: p. 67-69)

Reinking, O. A.
Phytophthora faberi Maubl., the cause of coconut bud rot in the Philippines Philippine Journ. Sci. 14: 131-151 pl. i-iii Ja.1919. no.1.
Bibliography: p. 149-150

Wells, A. H.
The physiological active constituents of certain Philippine medicinal plants III Philippine Journ. Sci. 14: 1-9 pl. i Ja.1919. no.1.
References: p. 6-7
No.1 by R. F. Bacon, no. 2, by H. C. Brill & A. H. Wells

Potato Mag.

Byars, L. P.
The eelworm diseases of potato readily transferred on infested seed stock, how to combat it. Potato Mag. v.1, no.12, p.10-11 illus. Je.1919.

Clinton, G. P.
Prematuring and wilting of potatoes. Potato Mag. v.1, no.12, p.12-13, 24 Je.1919.

Proc. Nat. Acad. Sci.

Bailey, I. W.
Phenomena of cell division in the cambium of arborescent gymnosperms and their cytological significance Proc. Nat. Acad. Sci. 5: 283-285 illus. Jy.1919. no.7.

Proc. Roy. Soc. Ser. B

Beer, Rudolf and Arber, A.
On the occurrence of multinucleate cells in vegetative tissues. Proc. Roy. Soc. Ser.B, 91: 1-17 pl. i Ag.1919. no.635.

Quart. Bull. Florida State Plant Bd.

Florida state plant board - Dept. of citrus eradication
Report for quarter ending Je.30,1919 Quart. Bull. Florida State Plant Bd. v.3, no.3, p.134-135. Jy.1919.

Queensl. Agr. Journ.

White, C. T.
Miscellaneous botanical notes Queensl. Agr. Journ. 12: 75 Ag.1919. no.2.

Rep. Agr. Dept. Bengal.

Ufra disease. Rep. Agr. Dept. Bengal 1917/18. p.9-10 1918.

Rep. Agr. Dept. Gold Coast

Bunting, R. H.
Report of mycologist Rep. Agr. Dept. Gold Coast 1917: 19-21. 1918.

Rep. Florida Agr. Exp. Stat.

Sherbakoff, C. D.
Report of associate plant pathologist 1917/18
Rep. Florida Agr. Exp. Stat. 1917/18: 68R-78R illus.
My.1919

Stevens, H. E.
Report of plant pathologist 1917/18 Rep.
Florida Agr. Exp. Stat. 1917/18: 62R-67R illus.
My.1919

Watson, J. R.
Report of entomologist 1917/18 Rep. Florida
Agr. Exp. Stat. 1917/18: 56R-61R My.1919
Control of root knot nematodes

Rep. Montserrat. Agricultural dept.

Montserrat. Agricultural dept.
Work connected with insect and fungus pests and
their control In its Rep. 1917/18 p.29-30 1919

Rep. St. Kitts-Nevis. Agricultural dept.

St. Kitts-Nevis. Agricultural dept.
Work connected with insect and fungus pests and
their control In its Rep. 1917/18 p.15-16 1919

Rev. Agr. Mexico

Ramírez, Román
El zapoto, Coreopsis sp. Rev. Agr. Mexico 4:
315-316. illus. Je.1919. no.7/8.
Thought to be a new species

Rev. Agr. Puerto Rico

Legrand, J. F.
Plantas útiles de Puerto Rico Rev. Agr. Puerto
Rico 3: 5-15 illus. July 1919. no.3.

Matz, J.
Pudrición de la base en plantas de hortaliza
Rev. Agr. Puerto Rico 3: 44-48 illus. Jy.1919. no.2.

Rev. Mus. Paulista

Hoehne, F. C.
Catalogo e revisão das leguminosas do hervario do
Museu Paulista com a descripção de algumas especies e
variedades novas encontradas no mesmo. Rev. Mus. Paulista
10: 647-704 ix pl. 1918.

Hoehne, F. C.
Orchidaceas novas e menos conhecidas dos arredores
de S. Paulo Rev. Mus. Paulista 10: 437-446 3 pl.
1918
Restrepia crassifolia, Spiranthes oligantha, S.
butantanensis

Lüderwaldt, G.
O herbario e o Horto botanico do Museu Paulista
Rev. Mus. Paulista 10: 285-311 pl. 1918

Sampaio, A. J. de
Ipomaea glaziovii U. Damm. Nota sobre o calyce
aquifero e o botão fructifero e bem assim mais
minuciosa descripção dessa especie Rev. Mus. Paulista
10: 231-244 7 pl. 1918

Silveira, A. da
O mandapuçá (Ciposia mandapuçá Alv. Silv.) novo
genero das myrtaceas Rev. Mus. Paulista 10:
151-159 pl. 1918
Explicação necessaria: unnumbered page following

Rev. Hort.

Blin, H.
La pourriture des griffes d'asperges Rev.
Hort. 91: 325-326 illus. Ag.16,1919. no.20.

Rev. Vitic.

Capus, J. A.
Les maladies de la vigne en 1918. Rev. Vitic. 51: 37-42 Jy.1919 no.1307

Riv. Pat. Veg.

Montemartini, L.
Esperienze di lotts contro la peronospora delle patate Riv. Pat. Veg. II, 9: 126-130 Ap.1919. no.819

Montemartini, L.
Rodolfo Farneti Riv. Pat. Veg. II, 9: 121-125 Ap.1919. no.8/9

Turconi, M.
Un nuovo parassita dei peperoni (Acrothecium capsici, n.sp.) Riv. Pat. Veg. II, 9: 131-133 Ap.1919 no.8/9

Science

Durrell, L. W.
The imperfect stage of Leptosphaeria tritici of wheat Science 50: 252-253 S.12,1919. no.1289
Ascochyta (graminicola?)

Cope, A. A.
Direct photography of colonies of bacteria Science 50: 229-230 S.5,1919 no.1288

Gager, C. S.
A basis for reconstructing botanical education Science 50: 263-269 S.19,1919. no.1290

Schaffner, J. H.
Complete reversal of sex in hemp Science 50: 311-312. S.26,1919 no.1291

Smith, E. F.and McCulloch, L.
Bacterium solanacearum in beans. Science 50: 238 S.5,1919.

Smith, E.F., Jones, L.R. & Reddy, C.S.
The black chaff of wheat Science 50: 48 Jy.11,1919. no.1280.
Bacterium translucens var. undulosum

Sci. Proc. Roy. Dublin Soc.

Dixon, H. H.
Mahogany and the recognition of some of the different kinds by their microscopic characteristics Sci. Proc. Roy. Dublin Soc. n.s., 15: 431-486 pl.xxii-xliv D.1918 no.34
Reprinted as Notes Bot. School Trinity Coll. Dublin 3: 3-58 pl. xii-xliv Je.1919

Sci. Progr.

Brenchley, W. E.
The uses of weeds and wild plants Sci. Progr. 14: 121-133 Jy.1919. no.53. (Bibliographical foot notes)

Hill, T. G.
The water economy of maritime plants Sci. Progr. 14: 60-80 Jy.1919 no.53

So. Afr. Fruit Grow.

Van der Bijl, P. A.
A ripe rot of paw-paws. So. Afr. Fruit Grow. 6: 177. illus. Jy.1919. no.7.

Sver. Utsädesför. Tidskr.

Åkermann,A
Växternas kölddöd och frosthärdighet Sver. Utsädesför. Tidskr. 29: 61-85 illus. 1919. no.2.

Teysmannia

Wigman, H. J. jr.
Schaduw-, sier- en laanboomen (cont.) Teysmannia 30: 195-209 2 pl. 1919. no.5

Torreya

Burnham, S. H.
The sedges of the Lake George flora Torreya 19: 125-136. Jy.1919. no.7.

Cockerell, T. D. A.
Some western columbines Torreya 19: 137-141 Jy.1919. no.7.

Denslow, H. M.
Reminiscences of orchid-hunting Torreya 19: 152-156. Ag.1919. no.8.

Gleason, H. A.
Rhamnus dahurica in Michigan Torreya 19: 141-142. Jy.1919. no.7.

Rennell, F. W.
Scrophulariaceae of the local flora II Torreya 19: 143-152 Ag.1919. no.8.

Trans. Sapporo Nat. Hist. Soc.

Hemmi, T.
On a disease of some leguminous plants caused by Ceratophorum setosum Kirchner Trans. Sapporo Nat. Hist. Soc. 7: 116-127 pl. ii Jy.1919. no.2.

Miyabe, K. & Kudo, Y.
Materials for a flora of Hokkaido IX Trans. Sapporo Nat. Hist. Soc. 7: 128-135. Jy.1919. no.2.

Nishida, S.
On the distribution of plants in the Yubari mountain range. Trans. Sapporo Nat. Hist. Soc. 7: 136-177 Jy.1919. no.2. [Literature]: p. 176-177
In Japanese

U. S. Dept. Agr. Farm. Bull.

Humphrey, H. B. & Johnson, A. G.
Take-all and flag smut, two wheat diseases new to the United States. U. S. Dept. Agr. Farm. Bull. no. 1063. 8 p. illus. Ag.1919.

Univ. Calif. Publ. Bot.

Blasdale, W. C.
A preliminary list of the Uredinales of California Univ. Calif. Publ. Bot. v.7, no.5 p.101-157. Ag.14, 1919

Wisc. Hort.

Vaughan, R. E.
Recent investigations in cucumber diseases. Wisc. Hort. 10: 14-16 S.1919. no.1.

Zeitschr. Pflanzenkr.

Brick, C.
Die schwarzfleckenkrankheit der tomatenfrüchte durch Phoma destructiva Plowr. Zeitschr. Pflanzenkr. 29: 20-26 illus. 1919. No.½.

Esmarch, F.
Zur kenntnis des stoffwechsels in blattrollkranken kartoffeln. Zeitschr. Pflanzenkr. 29: 1-20 1919 no.½.

Neger, F. W.
Die blattrollkrankheit der kartoffel. Ein beitrag zur aetiologie der krankheit und der physiologie der kartoffelstaude überhaupt. Zeitschr. Pflanzenkr. 29: 27-48 illus. 1919. no.½. (Literatur: p.47-48)

Recent books.

463.6 Au5 Aumiot, Just
Le plmme de terre 1919

93 N35 Bach, Karl
Die landwirtschaftliche obstbau...von Nerlinger und Bach. 8. verb. aufl. von Karl Bach. 1914.

Recent books (cont.)

452.3
B453A
Berger, Alwin
Die agaven 1915.

464.06
D78
Dracopoulos, J. N.
La gommosis de los Citrus 102 p. 1917.

Gadeceau, E.
G11
Les fleurs des moissons et des cultures 1914.

463.2
G55
Gohlke, Kurt
Die brauchbarkeit der serum-diagnostik für den nachweis zweifelhafter verwandtschafts-verhältnisse im pflanzenreich. 1913.

464.05
Es12
Massó, C. O.
El oidium de la vid ... 1919.

452.8
Ob2
Obermeyer, W.
Schreibers kleiner atlas der wildnutzpflanzen 1918

97
Or8
Ortlepp, Karl
Monographie der füllungserscheinungan bei tulpenblüten. 1915.

452.82
R73U
Ross, Hermann
Unsere wichtigsten wildwachsenden heilgewütz und teepflanzen. 1918.

464.4
Schl
Schaffnit, E.
Die organisation des pflanzenschutzdienstes in der Rheinprovinz 1919

16
Is1
Stefanini, Giuseppe & Paeli, Guido
Missione Stefanini-Paoli. Ricerche idrogeologiche, botaniche et entomologiche fatta nella Somalia italiana meridionale. Firenze, 1916
xix, 255 p. illus., plates (Relazioni e monographicie agrarie-coloniale n.7)
Resultati della ricerche botaniche: p. 133-168
Cenno sulle piante utile...P. 225-250 (by G. Paolo)
Elenco delle pubblicazioni... Botanica: p. 254

463
V36E
Van Tieghem, Philippe
Elements de botanique... 5. éd. rev. et corr. par J. Costantin 1918 2 v.

93
V58
Vercier, J.
L'arboriculture fruitière en images 191?

Wartenweiler, Alfred
Beiträge zur systematik und biologie einiger Plasmopara-arten Reprinted as Inaug.-Diss.-Bern. from Ann. Mycol. 16: 249-299 illus. pl.i-iii 1918 (Literaturverzeichnis: p. 296-298)

Amer. Nat.

Roberts, H. F.

The contribution of Carl Friedrich von Gärtner to the history of plant hybridization Amer. Nat. 53: 431-445 S./O. 1919 no.628
Bibliography: p. 445

Ann. R. Staz. Sper. Agrumic. e Fruttic. Acireale

Savastano, L. S.

Nota di patologia arborea XLIV-LII Ann. R. Staz. Sper. Agrumic. e Fruttic. Acireale 4: 187-208 pl. viii-xiii 1919.

Ann. Rep. British Columbia Dept. Agr.

Eastham, J. W.

Report of provincial pathologist Ann. Rep. British Columbia Dept. Agr. 13 (1918): 33-36 pl. 1919.

Ann. Rep. Mic. Agr. Exp. Stat.

Bessey, E. A.

Report of the botanical section 1917/18 Ann. Rep. Mic. Agr. Exp. Stat. 31 (1917/18): 270-276. 1919
Includes reports of R. P. Hibbard, research associate in plant pnysiology and G. H. Coons, research associate in plant pathology.

Ann. Sci. Nat. X, Bot.

Constantin, J. N.

La mutation, état actuel de la question. Ann. Sci. Nat. X, Bot. 1: iii-xxix Je.1919. no.1.
Index bibliographique: p. xxiv-xxix

Souèges, René

Les premières divisions de l'oeuf et les différenciations du suspenseur chez le Capsella bursapastoris Moench. Ann. Sci. Nat. X, 1: 1-28 illus. Je.1919 no.1. (Bibliographical foot notes)

Arch. Rubbercult.

Rutgers, A. A. L.

Bliksemschade bij Hevea Arch. Rubbercult. 3: 163-171. plates My.1919
The effect of lightning on Hevea: summary: p. 171 also Med. Alg. Proefstat. A.V.R.O.S. Rubber Ser.18.

Biol. Zentralbl.

Correns, C.

Die absterboeordnung der beiden geschlechter einer getrenntgeschlechtigen doldenpflanze (Trinia glauca) Biol. Zentralbl. 39: 105-122 Mr.1919.
Literaturverzeichnis: p. 121-122

Bol. Acad. Nac. Cordoba

Spegazzini, C.

Reliquiae mycologicae tropicae. Bol. Acad. Nac. Cordoba 23: 365-609 illus. 1919 no.3.
Includes "Fungi costaricenses nonnulli": p.541-593.

Bull. Inst. Sci. & Ind. Austr.

Alexander, W. B.

The prickly pear in Australia. Bull. Inst. Sci. & Ind. Austr. 12 48 p. illus., fold. pl.(map) 1919
Sources of information and bibliography: p. 46-47

Bull. Misc. Inform. Kew

Grove, W. B.

Species placed by Saccardo in the genus Phoma Bull. Misc. Inform. Kew 1919 p. 177-201 illus. no.4.

New Zealand flax (Phormium tenax) Bull. Misc. Inform. Kew 1919 p. 169-177 pl.i-iii no.4.
Including a report by Lord Ventry, Burnham, Dingle county, Kerry.

Rolfe, R. A.

The true mahoganies. Bull. Misc. Inform. Kew 1919 p. 201-207. no.4.

Bull. Torr. Club

Berry, E. W.

A new Matonidium from Colorado, with remarks on the distribution of the Matoniaceae Bull. Torr. Club 46: 285-294 illus. pl. 12-13 Ag.1919. no.8
M. americanum

Rydberg, P. A.

Phytogeographical notes on the Rocky Mountain region VIII. Distribution of montane plants. Bull. Torr. Club 46: 295-327 Ag.1919. no.8.

Centralbl. Bakt. II.

Bachmann, E.

Bildungsabweichungen des lagers von Parmelia physodes (L.) Ach. Bitt. Centralbl. Bakt. II, 49: 131-143. illus. Mr.1919. no.5/6 (Literatur: p.143)

Brussoff, A.

Ein beitrag zur kenntnis der actinomyceten Centralbl. Bakt. II, 49: 97-115. illus. Mr.1919.

Gassner, G.

Untersuchungen über die sortenempfänglichkeit von getreidepflanzen gegen rostpilze. Centralbl. Bakt. abt.2, 49: 185-243 Ap.1919. no.7/9
Verzeichnis der angeführten achriften: p. 241-243.

Herter, W. and Fornet, A.

Studien über die schimmelpilze des brotes. Centralbl. Bakt. II, 49: 148-173. illus., pl. i-ii Ap.1919. no.7/9. (Literatur: p. 172-173.)

Wehmer, C.

Verlust der oxalsäure-bildungdvermögens bei einem degenerierten Aspergillus niger Centralbl. Bakt. abt. 2, 49: 145-418 Ap.1919. no.7/9.

Contr. U. S. Nat. Herb.

Blake, S. F.

The genus Homalium in America Contr. U. S. Nat. Herb. v. 20, pt. 7 p. 221-245. 1919.

Hitchcock, A.S. and Standley, P.C.

Flora of the District of Columbia and vicinity Contr. U. S. Nat. Herb. v. 21 1919.

Gard. Chron. III.

Farrer, R.

Mr. Reginald Farrer's second exploration in Asia no. 6 In the valleys Gard. Chron. III, 66: 125-126. illus. S.6,1919. No.1706.

Gard. Mag.

Wilson, E. H.

The romance of the trees. Gard. Mag. 30: 90-95 illus. O.1919. no.3.

Genetica

Kooiman, H. N.

Overzicht over enkele Oenothera-problemen Genetica 1: 134-148 Mr.1919. no.3.
Literatuur: p. 147-148

Lotsy, J. P.

Proeven en beschouwingen over evolutie. Genetica 1: 3-69, 113-129 no.1-2 Ja.-Mr.1919.
1.De Oenotheren als kernchimèren, door J.P.Lotsy...H.N.Kooiman en M.A.J.Goedewaagen.

Geogr. Journ.

Trevor-Battye,A.

Crete: its scenery and natural features. Geogr. Journ. 54: 137-157. plates. S.1919. no.3.
Discussion: p. 153-157.

Illinois Agr. Exp. Stat. Bull.

Gunderson, A. J.

Field experiments in spraying apple orchards for the control of apple blotch Illinois Agr. Exp. Stat. Bull. 220: 551-578 S.1919.

Journ. & Proc. Roy. Soc. W. Austr.

Dakin, W. J.

The West Australian pitcher plant (Cephalotus follicularis) and its physiology Journ. & Proc. Roy. Soc. W. Austr. 4: 37-53. illus. 1919.

Journ. Bot.

Church, A. H.

Brunfels and fuchs Journ. Bot. 57: 233-244 S.1919. no.681.

Moore, S. LeM.

Alabastra diversa Pt. XXXI. Journ. Bot. 57: 244-251. S.1919. no.681.

1. Miscellanea africana. 2. Monimiacea nova brasiliensis (Mollinedia cunninghamii) no.681.

Journ. Gen. Phys.

Brooks, M. M.

Comparative studies on respiration VIII. The respiration of Bacillus subtilis in relation to antagonism. Journ. Gen. Phys. 2: 5-15. S.1919. no.1.

Gustafson, F. G.

Comparative studies on respiration IX The effects of antagonistic salts on the respiration of Aspergillus niger Journ. Gen. Phys. 2: 17-29 S.1919. no.1.

Osterhout, W. J. V.

Comparative studies on respiration VII. Respiration and antagonism Journ. Gen. Phys. 2: 1-3 no.1, S.1919.

Journ. Roy. Hort. Soc.

Ramsbottom, J. K.

Experiments on the control of Narcissus eelworm in the field Journ. Roy. Hort. Soc. 44: 68-72 My.1919. (Contr. Wisley Labor.)

Robson, R.

Root-knot disease of tomatoes. Records of field experiments on tomato sub-soils infested with eelworms - Heterodera radicicola. Journ. Roy. Hort. Soc. 44: 31-67 My. 1919

Journ. Wash. Acad. Sci.

Pittier, H.

On the origin of chicle with descriptions of two new species of Achras. Journ. Wash. Acad. Sci. 9: 431-438 S.19,1919. no.15.

A. calcicola, A. chicle

Nat. Hist.

Ekblaw, W. E.

The plant life of northwest Greenland. Nat. Hist. 19: 272-291. illus. Mr.1919. no.3.

Naturw. Wochenschr.

Heller, H.

Ueber die farbstoffe unserer blüten und früchte Naturw. Wochenschr. n.f., 18: 238-240 Ap.27,1919. no.17.

Killermann, S.

Die herkunft und einfuhrung unserer gartenbohne (Phaseolus vulgaris L.) Naturw. Wochenschr. n.f., 18: 305-312. illus. Je.1,1919. no.22

Bibliographical foot notes.

Rippel, A.

Die morphologische gliederung des wasserleitungssystems der höheren pflanzen in ihrer beziehung zur physiologie der wasserversorgung. Naturw. Wochenschr. n.f., 18: 129-134. illus. Mr.9,1919. no.10.

Naturw. Wochenschr.
Schloss, B.
Der lichtsinn der pflanzen Naturw. Wochenschr. n.f., 18: 265-270 My.12,1919. no.19.

New Zeal. Journ. Agr.
Cockayne, L.
Yellow-leaf disease in Phormium tenax. New Zeal. Journ. Agr. 19: 89-93 Ag.1919 no.2.
Infectious diseases probably due to fungoid or bacterial attack.

Oesterr. Bot. Zeitschr.
Geetz, O.
Christopher Rostii herbarium vivum. Ein deutsches herbar vom jahre 1610. Oesterr. Bot. Zeitschr. 67: 369-382 O./D.1918. no.10/12.

Murr, J.
Zur pilzflora von Vorarlberg und Liechtenstein II Oesterr. Bot. Zeitschr. 67: 345-356 O./D.1918. no.10/12

Vierhapper, F.
Was ist Trifolium pilczii Adamović? (schluss) Oesterr. Bot. Zeitschr. 67: 328-337 O./D.1918. no.10/12.

Wagner, R.
Erläuterungen zu Plumiers abbildung der Anechites lappulacea (Lam.) Miers Oesterr. Bot. Zeitschr. 67: 337-345 illus. O./D.1918 no.10/12.
Bibliographical foot notes

Pharm. Journ.
Small, J.
The application of botany in the utilisation of medicinal plants I Pharm. Journ. 103: 199-201. Ag.30,1919. no.2915.

Potato Mag.
Barss, H. P.
International potato diseases conference... Potato Mag. v.2, no. 2 p.5-6, 27-30 illus. Ag.1919

Proc. Biol. Soc. Wash.
Blake, S. F.
New plants from Sinaloa Proc. Biol. Soc. Wash. 32: 189-194 S.30,1919

Blake, S. F.
A new Salvia from Guatemala. Proc. Biol. Soc. Wash. 32: 187-188. S.30,1919.
S. hempsteadiana

Queensl. Agr. Journ.
White, C. T.
Illustrated notes on the weeds of Queensland no.15 Queensland Agr. Journ. 12: 141. illus. S.1919. no.3. (Hyptis suaveolens, Leucas zeylanica)

Rep. Maryland Agr. Soc.
Temple, C. E.
Report of the state pathologist [Maryland] 1917. Rep. Maryland Agr. Soc. 2: 161-169 1918.

Rev. Chil. Hist. Nat.
Léveillé, H.
Les fuchsia du Chili Rev. Chil. Hist. Nat. 22: 59-60 Je.1918 no.2/3

Maldonado, E.
Contribución al estudio del Tamarugo. Rev. Chil. Hist. Nat. 22: 65-71 illus., pl. iv Je. 1918. (Prosopis tamaruga)

Rivera Matte, A.
La flora de los alredredos de Ovalle (sus especies carateristicas) Rev. Chil. Hist. Nat. 22: 61-65 Je.1918.

Rev. Chil. Hist. Nat.

Spegazzini, C.
Quarto contribución a la micologia chilena Rev. Chil. Hist. Nat. 22: 95-104 incl. pl. vii Je.1918 no.2/3

Theriot, I.
Contribution a la flore bryologique du Chile (3e article) Rev. Chil. Hist. Nat. 22: 79-94 incl. pl. v-vi Je.1918. no.2/3.

Rhodesian Agr. Journ.

Mainwaring, C.
Weeds Rhodesian Agr. Journ. 16: 313-315. pl. Ag.1919. no.4.
Mexican marigold (Tagetes minuta)

Science

Smith, E. F., Jones, L.R. and Reddy, C.S.
The black chaff of wheat Science 50: 48 Jy.11,1919 no.1280
Bacterium translucens var. undulosum.

Staz. Sper. Agr. Ital.

Manaresi, A.
Sulla biologia fiorale del pesco (IIa nota) Staz. Sper. Agr. Ital. 52: 42-68 1919. no.1/2.
Bibliografia: p. 78.

Peyronel, B.
Sul nerume o marciume nero delle castagne Staz. Sper. Agr. Ital. 52: 21-41 pl. i-iv. 1919 no.1/2. (Preliminary note publ. in Rend. K. Accad. del Lincei, serie V, v.25.) (Rhacodiella castaneae)

Trans. Wisc. Acad. Sci.

Keane, Mary L.
Studies of zygospore formation in Phycomyces nitens Kunze Trans. Wisc. Acad. Sci. 19(2): 1195-1222. pl. xvi-xviii. 1919.
Literature cited: p. 1217-1218

Du Metz, A.
A century of the United States pharmacopoeia 1820-1920. I. Trans. Wisc. Acad. Sci. 19(2): 907-1104 1919 (I. The galencial oleoresins)

Schorger, A. W.
Contribution to the chemistry of American conifers. Trans. Wisc. Acad. Sci. 19(2): 728-766 1919 (Bibliographical foot notes)

Wakeman, N. A.
Pigments of flowering plants Trans. Wisc. Acad. 19(2): 767-906. 1919. (Bibliographical foot notes)

U. S. Dept. Agr. Farm. Bull.

Fisher, D.F. & Newcomer, E.J.
Controlling important fungous and insect enemies of the pear in the humid sections of the Pacific northwest. U. S. Dept. Agr. Farm. Bull. 1056 34 p. illus. S.1919.

Viet. Nat.

Sutton, C.S.
On the growth &c of the sea tassel, Ruppia maritima Linn. Viet. Nat. 36: 69-70 pl. S.1919. no.5.

Wisc. Agr. Exp. Stat. Bull.

Johnson, A. G. and Dickson, J. G.
Stem rust of grains and barberry in Wisconsin Wisc. Agr. Exp. Stat. Bull. 304. 16 p. illus. Ag.1919.

Zeitschr. Induk. Abstamm. Vererbungsl.

Bally, W.
Die godronschen bastarde zwischen Aegilops- und Triticum. Vererbung und zytologie. Zeitschr. Induk. Abstamm. Vererbungsl. 20: 177-240. illus. pl.i-iv. F.1919. no.3. (Zitierte literatur: p. 235-238)

Zeitschr. Obst- u. Gartenb.

Naumann, A.

Botrytiskrankheit an Ribes aureum Zeitschr. Obst- u. Gartenb. n.f., 45: 69-71, illus. 1919. no.5.

Recent books.

Hayata, Bunzo

Icones plantarum formosanarum v. viii Mr.1919

93
M562 Messick, H.L.

Facts concerning citrus trees and their diseases 1919 64 p.

Library Bureau of Plant Industry.
Current Author Entries, 1919, List No.17.
(Indexed October 13-25,1919)

Amer Bot.

Bates, J. M.
Kochia alata Amer. Bot. 25: 110-111. Ag.1919. no.3.

Buswell, W. M.
Familiar wild flowers of Florida. Amer. Bot. 25: 90-93 Ag.1919 no.3.

Clute, W. N.
Phlox nomenclature Amer. Bot. 25: 100-101 Ag.1919. no.3.
Eastern and western forms of P. divaricata.

Clute, W. N.
A trip to Navajo mountain Amer. Bot. 25: 81-87 Ag.1919 no.3.

Nelson, J. C.
A freak foxglove Amer. Bot. 25: 88-90 illus. Ag.1919. no.3.

Moxley, G. L.
A botanical trip to Catalina Island. Amer. Bot. 25: 93-94 Ag.1919 no.3.

Amer. Fern Journ.

Burnham, S. H.
Commercial fern gathering. Amer. Fern Journ. 9: 88-93 Jy./S.1919

Dodge, R.
Aspidium cristatum x marginale and A. simulatum Amer. Fern. Journ. 9: 73-80 Jy./S.1919. no.3

Hopkins, L. S.
A crested form of the lady fern Amer. Fern Journ. 9: 86-88 illus. Jy./S.1919. no.3.
Athyrium angustum var. cristatum

Maxon, W.R.
Notes on American ferns XIV Amer. Fern Journ. 9: 67-73 Jy./S.1919 no.3.

Nelson, J. C.
Monomorphism in Equisetum telmateia Ehrh. Amer. Fern Journ. 9: 93-95 illus. Jy./S.1919

Palmer, E. J.
Texas pteridophyta III Amer. Fern Journ. 9: 81-85 Jy./S.1919 no.3.

Ann. Missouri Bot. Gard.

Burt, E. A.
An edible garden Hebeloma. Ann. Missouri Bot. Gard. 6: 171-174 pl. 3 S.1919 no.3.

Burt, E. A.
Protomerulius farlowii Burt n. sp. Ann. Missouri Bot. Gard. 6: 175-177 illus. S.1919 no.3

Duggar, B. M.
The micro-colorimeter in the indicator method of hydrogen ion determination. Ann. Missouri Bot. Gard. 6: 179-181 S.1919 no.6.

McGinty, R. A.
Diastase activity in relation to stage of development and carbohydrate content of the tuber of Splanum tuberosum Ann. Missouri Bot. Gard. 6: 223-251 S.1919
Bibliography: p. 249-251

Schmitz, H. and Zeller, S. M.
Enzyme action in Armillaria mellea Vahl, Daedales confragosa (Bolt.) Fr. and Polyporus lucidus (Leys.) Fr. Ann. Missouri Bot. Gard. 6: 193-200 S.1919 no.3
Studies in the physiology of fungi IX

Ann. Missouri Bot. Gard. (cont.)

Webb, R. W.
Germination of thr spores of certain fungi in relation to hydrogen ion concentration Ann. Missouri Bot. Gard. 6: 201-222 S.1919. no.3.
Studies in the physiology of fungi X
Bibliography: p. 221-222

Zeller, S. M. and Schmitz, Henry
Mixed cultures Ann. Missouri Bot. Bot. Gard. 6: 183-192 pl. 4 S.1919 no.3.
Studies in the physiology of fungi VIII

Ann. Rep. North Carolina Agr. Exp. Stat.

Tisdale, W. H.
Report of the division of plant pathology and bacteriology Ann. Rep. North Carolina Agr. Exp. Stat. 41 (1917/18): 58-59 1918

Ann. Rep. Insular Exp. Stat. Porto Rico

Stevenson, J. A.
Report of the division of plant pathology and botany Ann. Rep. Insular Exp. Stat. Porto Rico 1917/18 p. 130-141. 1919
see also p. 59-76 (Division of plant pathology, review of its work)

Bot. Mag. Tokyo

Nagai, Isaburo
The correlation in the differentiation of sex in the fern prothallia. Bot. Mag. Tokyo 33: 157-170 Ag.1919. no.392
Literature cited: p. 169-170

Nakai, Takenoshin
Genus novum oleacearum in Corea media inventum Bot. Mag. Tokyo 33: 153-154 Ag.1919. no.392
Abeliophyllum distichum

Yasuds, Atsushi
Eine neue art von Coniophora Bot. Mag. Tokyo 33: 155-156 illus. Ag.1919 no.392
C. matsuzawae

Bull. Agr. Inst. Sci. Saigon

Chevalier, A.
Une nouvelle variété de palmier Elaeis Bull. Agr. Inst. Sci. Saigon 1: 154-155. My.1919. no.5.
Elaeis guineensis s. sp. E. nigrescens var. poisoni

Chevalier, A.
Le pommier à cidre des hauts plateaux de l'Indo-chine Bull. Agr. Inst. Sci. Saigon 1: 152-150 My.1919. no.5. (Pyrus doumeri)

Bull. Dept. Agr. Trinidad & Tobago

Nowell, W.
Report on an investigation of froghopper pests and diseases of sugar-cane in Trinidad. Bull. Dept. Agr. Trinidad & Tobago 18: 57-69 1919

Williams, C. B.
The relation of root fungus to froghopper blight of sugar-cane in Trinidad. Bull. Dept. Agr. Trinidad & Tobago 18: 52-56 1919 no.2

Bull. Misc. Inform. Kew

Bean, W. J.
Abraham's oak, Quercus coccifera var. palaestina Boissier Bull. Misc. Inform. Kew 1919 p.233-236 illus. no.5.

Bintner, J.
Silver leaf disease, Stereum purpureum Bull. Misc. Inform. Kew 1919 p.241-263 illus., pl.viii no.6/7 (Bibliography: p. 261-262)

Bull. Misc. Inform. (cont.)

Dallimore, W.
The Falkland Islands. Bull. Misc. Inform. 1919 p. 209-221 pl.iv-v no.5.
Forestry - Tussock grass

Decades kewensis. Plantarum novarum in herbario Horti regii conservatarum Decades XCII-XCIII. Bull. Misc. Inform. 1919 p.221-231 no.5.

Diagnoses africanae LXXII Bull. Misc. Inform. Kew 1919 p.263-267 no.6/7

Hart, W. E.
The botanic garden of Pamplemousses Bull. Misc. Inform. Kew 1919 p.279-286 pl.ix-x
Abridged transl. by Mrs. F.R.Durham of the history of the garden written in French and published in 1916.

Hillier, J. M.
Strychnos nux-vomica in Cochin China Bull. Misc. Inform. Kew 1919 p. 238-239 no.5.

Hutchinson, J.
Viburnum carlesii var. syringiflora. Bull. Misc. Inform. Kew 1919 p.239 no.5.

Owen, N. N.
The skin spot disease of potato tubers (Oospora pustulans) Bull. Misc. Inform. Kew 1919 p.289-301 illus., pl. xi no.8

Parsons, T. H.
Notes on the effects of shell fire on trees in woods in France Bull. Misc. Inform. Kew 1919 p.231-233 pl.vi-vii no.5.

Sprague, T. A.
Dolichandrone and Markhamia. Bull. Misc. Inform. Kew 1919 p.302-314 no.8.

Turrill, W. B.
Botanical results of Swedish South American and Antarctic expeditions Bull. Misc. Inform. Kew 1919 p.268-279 no.6/7

Bull. Mus. Hist. Nat. Paris

Camus, A.
Graminées nouvelles de l'Asie orientale Bull. Mus. Hist. Nat. Paris 1919 p. 202-204 no.3
Tricholaena chevalieri, Ischaemum eberhardtii, Andropogon quinhonensis

Camus, A.
Note sur deux espèces nouvelles d'Andropogonées (graminées) Bull. Mus. Hist. Nat. Paris 1919 p.133-136 no.2.
Cymbopogon eberhardtii, C. chevalieri

Camus, A.
Note sur le genre Mnesithea Kunth (graminées) Bull. Mus. Hist. Nat. Paris 1919 p.56-59 no.1

Cardot, J.
Sur les caractères distinctifs des Eriobotrya (Rosacées) et genres voisins, et observations sur quelques espèces asiatiques d'Eriobotrya Bull. Mus. Hist. Paris 1919 p.205-207 no.3

Chermezon, H.
Un genre nouveau de Cypéracées Bull. Mus. Hist. Nat. Paris 1919 p.60-63. no.1.
Mariscopsis suaveolens

Chermezon, H.
Ryllingia (cypéracées) nouveaux de Madagascar Bull. Mus. Hist. Nat. Paris 1919 no. 3 p.208-212.

Bull. Mus. Hist. Nat. Paris (cont.)

Chermezon, H.
Pycreus (cypéracées) nouveaux de Madagascar
Bull. Mus. Hist. Nat. Paris 1919 p.137-140 no.2.

Costantin, J.
Note sur le lang-rhôa (orchidée) Bull. Mus. Hist. Nat. Paris 1919 p.218-221 no.3.
Cypripedium lang-rhoa

Dangeard, P. A. C.
Discours prononcés aux obsèques de M. Ed. Bureau professor honoraire du Muséum. Bull. Mus. Hist. Nat. Paris 1919 p.2-11

Gagnepain, F.
Acareosperma, un genre nouveau d'ampélidacées Bull. Mus. Hist. Nat. Paris 1919 p.131-132. no.2

Gagnepain, F.
Nouveaux Begonia d'Asie; quelques synonymes Bull. Mus. Hist. Nat. Paris 1919 p.194-201. no.3.

Gagnepain, F.
Quelques passifloracées nouvelles du critiques des genres Adenia et Passiflora. Bull. Mus. Hist. Nat. Paris 1919 p.126-130 no.2.

Guillaumin, A.
Contribution à la flore de la Nouvelle-Calédonie Bull. Mus. Hist. Nat. Paris 1919 p.213-217 no.3.
XXII Plantes recueillies par M. Franc (suite)

Lecomte, H.
Un labourdonnaisia nouveau (Sapotacées) de Madagascar Bull. Mus. Hist. Nat. Paris 1919 p.53-55 no.6. (L. hexandra)

Lecomte, H.
Quelques sapotacées africaines Bull. Mus. Hist. Nat. Paris 1919 p. 189-193 illus. no.3.

Bull. Soc. Mycol. France

Chenantais, J.E.
Recherches sur les Pyrénomycètes (Suite et fin) Bull. Soc. Mycol. France 35: 113-139 illus. pl. i-vi Jy.1919 no.3.
VIII (cont.) Podospora. IX. Formes nouvelles et critiques

Konrad. P.
Notes et observations concernant le Tricholoma tigrinum Sch. = T. pardinum Q. Bull. Soc. Mycol. France 35: 143-146 Jy.1919. no.3.

Maire, R.
Remarques sur la variation d'une agaricaeée sous l'influence du milieu Bull. Soc. Mycol. France 35: 147-149 illus. Jy.1919. no.3.

Pelé
Note sur Aleuria ricciae Croman = Lachnea ricciae Gillet Bull. Soc. Mycol. France 35: 150-151. no.3 Jy.1919.

Ranoïévitch, N.
Sur une nouvelle espèce de rouille, Puccinia corteyi Rann., Bull. Soc. Mycol. France 35: 140-141. illus. Jy.1919 no.3.

Bull. Torr. Bot. Club

Church, M. B.
The development and structure of the bulb in Cooperia drummondii Bull. Torr. Bot. Club 46: 337-362 illus., pl.14-16 S.1919. no.9
Literature cited: p. 358-360

Bull. Torr. Club (cont.)
Hitchcock, R.
Preliminary note on a differential staining of the cytoplasm of Characeae Bull. Torr. Club 46: 375-379 S.1919. no.9.
Observations made with two species of Nitella.

Pennell, F. W.
A brief conspectus of the species of Kneiffia with the characterization of a new allied genus Bull. Torr. Club 46: 363-373 S.1919. no.9.
Peniophyllum linifolium

Calif. Agr. Exp. Stat. Bull.
Hendrickson, A. H.
Plum pollination Calif. Agr. Exp. Stat. Bull. 310 28 p. illus. Jy.1919
Literature cited: p. 28

Calif. Agr. Exp. Stat. Circ.
Mackie, W. W.
Seed treatment for the prevention of cereal smuts Calif. Agr. Exp. Stat. Circ. 214 8 p. S.1919

Genetica
Sirks, M. J.
Onderzoekingen over de eenheid der Linneaansche soort Chrysanthemum leucanthemum L. Genetica 1: 401-442 S.1919. no.5.
Literatuur: p. 433, 442

Guide to Nature
Whetzel, H. H.
George Francis Atkinson Guide to Nature 12: 70-72. port. O.1919. no.5.

Illinois Agr. Exp. Stat. Bull.
Peltier, G. L.
Carnation stem rot and its control. Illinois Agr. Exp. Stat. Bull. 223: 577-607 illus. S.1919
Rhizoctonia solani

Indian For.
Gupta, B. L.
New India species of forest importance no.4. Indian For. 45: 388-392. Jy.1919. no.7.

Haines, H. H.
Indian species of Carissa. Indian For. 45: 375-388 pl. 17-20 Jy.1919. no.7.

Journ. Dept. Agr. & Labor
Earle, F. S.
Varieties of sugar cane in Porto Rico. Journ. Dept. Agr. & Labor 3: 16-55 Ap.1919. no.2.
Bibliography: p. 55

Journ. Dept. Agr. Queensl.
Castella, F. de
Copper furgicides (cont.) Journ. Dept. Agr. Queensl. 17: 483-489 Ag.1919. no.8.

Journ. Dept. Agr. Victoria
Brittlebank, Charles C.
Tomato diseases II. Leaf spot Septoria lycopersici) Journ. Dept. Agr. Victoria 17: 498-500 Ag.1919 no.8.

Farrel, J.
Apple culture in Victoria - Fungus diseases and their treatment. Journ. Dept. Agr. Victoria. 17: 148-157, 287-295, 449-463 illus. 1919. no.3,5,8.

Journ. For.
Weir, J. R.
Pathological marking rules for Idaho and Montana Journ. For. 17: 666-681. O.1919. no.6.
Bibliography: p. 681.

Journ. Hered.

Cook, O. F.

Olneya beans. A native food product of the Arizona desert, worthy of domestication Journ. Hered. 10: 321-331 illus. O.1919. no.7.

Olneya tesota

The sweetest leaf known Journ. Hered. 10: 331. O.1919.

Witte, H.

Breeding timothy at Svalöf Journ. Hered. 10: 291-299 illus. O.1919. no.7.

Journ. N. Y. Bot. Gard.

Barnhartm, J. H.

Some fictitious botanists Journ. N. Y. Bot. Gard. 20: 171-181. S.1919. No.237.

Journ. Wash. Acad. Sci.

Blake, S. F.

The anay, a new edible-fruited relative of the avocado Journ. Wash. Acad. Sci. 9: 457-462 illus. O.4,1919 no.16

Hufelandia anay

Cobb, F. and Barlett, H.H.

On Mendelian inheritance in crosses between mass-mutating and non mass-mutating strains of Oenothera pratincola Journ. Wash. Acad. Sci. 9: 462-483 O.4,1919. no.16.

Mém. Soc. Sci. Phys. et Nat. Bordeaux

Boyer, G.

Etudes sur la biologie et la culture de champignons supérieurs Mém. Soc. Sci. Phys. et Nat. Bordeaux VII, 2: 233-344. illus., iv pl. 1918

Bibliographie: p. 337-344

Minutes Gen. Meet. Agr. & Comm. Soc. Greneda

Moore, J. C.

The red ring diseases of coconuts. Minutes Gen. Meet. Agr. & Comm. Soc. Greneda My.1919 p.14-20

Caused by nematodes

Month. Bull. Dept. Agr. Calif.

Mackie, W. W.

Quarantines against "flag smut" and "take-all" Month. Bull. Dept. Agr. Calif. 8: 456-460 2 pl. Ag.1919. no.8.

Given before the 1st Interstate plant quarantine conference

Marlatt, C. L.

The Federal plant quarantine act Month. Bull. Dept. Agr. Calif. 8: 439-443 Ag.1919. no.8.

Address before the 1st Interstate plant quarantine conference

Meinecke, E. P.

A brief report of the proceedings and recommendations of the International white pine blister rust conference held in Portland, Oregon, April 23-24,1919, under the auspices of the Advisory board of American plant pathologists. Month. Bull. Dept. Agr. Calif. 8: 445-448 Ag.1919. no.8.

Given before the 1st Interstate plant quarantine conference

Mycologia

Dufrenoy, J.

Metaphanic and progressive variation in Beauveria: its phyletic significance Mycologia 11: 276-277 S.1919. no.5. (Literature cited: p. 277)

Edgerton, C. W.

A new Balansia on Cyperus Mycologia 11: 259-261 pl. 12 S.1919. no.5. (B. cyperi)

Mycologia

Faull, J. H.
Pineapple fungus or enfant de pin or wabadou
Mycologia 11: 267-272 S.1919 no.5.

Murrill, W. A.
Collecting fungi in Virginia Mycologia 11:
277-279 S.1919. no.5.
Contains mention of some plant diseases

Murrill, W. A.
Some described species of Poria Mycologia
11: 231-244 S.1919 no.5.

Overholts, L. O.
Some Colorado fungi Mycologia 11: 245-258
S.1919 no.5.
Contr. Dept. Bot. Penn. State Coll. no.18

West, E.
An undescribed timber decay of hemlock
Mycologia 11:262-266 S.1919. no.5.
Polyporus tsugae

Nature

Bower, F. D.
Prof. William Gilson Farlow Nature 103:
509 Ag.28,1919 no.2600

Science

Child, C. M. and Bellamy, A. W.
Physiological isolation by low temperature in
Bryophyllum and other plants Science 50: 362-365
O.17,1919. no.1294

Turley, H. E.
New fruit fungi found on the Chicago market
Science 50: 375-376 O.17,1919 no.1294
Botrytis on apple, Polyscytalum and Fusarium
on grapefruit

So. Afr. Fruit Grow.

Doidge, Ethel Mary
Diseases of stone fruit trees. So. Afr. Fruit
Grow. 6: 211 Ag.1919 no.8

Svenska Linn. Sällsk. Årrskr.

Hedbom, Karl
Linné's inhemske medicinalväxter Svenska
Linn. Sällsk. Årrskr. 2: 65-110. 1919

Trop. Agr.

Petch, Thomas
Brown bast Trop. Agr. 52: 333-335. Je.1919
no.6. (Dept. Agr. Ceylon Leafl. no.12)

Library Bureau of Plant Industry.
Current Author Entries, 1919, List No.18.
Indexed Oct.27- Nov.8,1919.

Agric. Colon.

Chiovenda, E.
Le piante raccolte in Eritrea nel 1909-11 dal sergente Andrea Bellini Agric. Colon. 13: 363-370 S.1919. no.9.

Leone, G.
Ancora del marciume radicale degli argumi Agr. Colon. 13: 354-355 S.1919 no.9

Manetti, C.
Un'importante produzione dell'Asia Minore: l'oppio (coltivazione, industria, commercio) Agric. Colon. 13: 343-353 illus. S.1919. no.9.

Agr. Gaz. N.S.W.

Breakwell, E.
Popular descriptions of grasses (cont.) Agr.Gaz. N.S.W. 30: 632-639 illus. S.1919. no.9.
Paspalum grasses

Agr. News

Plant legislation in Dominica Agr. News 18: 292 S.20,1919 no.454

Amer. For.

Illick, J. S.
When trees grow Amer. For. 25: 1386-1390 illus. O.1919 no.310

Pack, C. L.
Central park trees starving to death Amer. For. 25: 1391-1400 illus. O.1919 no.310

Ann. Mycol.

Dietel, P.
Ueber einige neue oder bemerkenswerte arten von Puccinia Ann. Mycol. 15: 492-494 1917. no.6.
P. ischaemi, P. setariae-viridis

Jaap, O.
Weitere beiträge zur pilzflora der Schweiz Ann. Mycol. 15: 97-124 1917 no.1/2

Paravacini, E.
Untersuchungen über das verhalten der zellkerne bei der fortpflanzung der brandpilze. Ann. Mycol. 15: 57-96 pl. i-vi 1917 no.1/2
Literatur: p. 89-91

Sydow, Hans & Paul
Novae fungorum species XV Ann. Mycol. 15: 143-148 1917 no.1/2

Theissen, F. and Sydow, H.
Die gattung Parodiella Ann. Mycol. 15: 125-142. 1917. no.1/2

Theissen, F. and Sydow, H.
Synoptischen tafeln. Ann. Mycol. 15: 389-491. illus. 1917. no.6.

Wartenweiler, A.
Beiträge zur kenntnis der gattung Plasmopara Ann. Mycol. 15: 495-497 1917. no.6.

Wollenweber, H. W.
Fusaria autographice delineata. Ann. Mycol. 15: 1-56 1917 no.1/2.

Ann. Appl. Biol.
Kidd, F. & West, C.
Physiological pre-determination: the influence of the physiological condition of the seed upon the course of subsequent growth and upon the yield V. Review of literature. Chap. IV. Ann. Appl. Biol. 6: 1-26 pl. i S.1919. no.1.
Bibliography: p. 24-26

Paine, S. G. and Stansfield, H.
Studies in bacteriosis III. A bacterial leaf-spot disease of Protea cynaroides, exhibiting a host reaction of possibly bacteriolytic nature. Ann. Appl. Biol. 6: 27-39 illus., pl. ii S.1919. no.1
Pseudomonas proteamaculans

Ann. Roy. Bot. Gard.
Petch, T.
Alocasia indica Schott Ann. Roy. Bot. Gard. Peradeniya 7: 53-55 Jy.1919

Petch, T.
Gasteromycetae zeylanicae Ann. R. Bot. Gard. Peradeniya 7: 57-78 Jy.1919 no.1

Petch, T.
A new variety of Exacum zeylanicum Roxb. Ann. R. Bot. Gard. Peradeniya 7: 45-46 pl. i Jy.1919
Exacum zeylanicum var. lewisii no.1.

Petch, T.
Oxalis in Ceylon Ann. R. Bot. Gard. Peradeniya 7: 47-51 Jy.1919 no.1

Ann. Rep. Expert Off. Dept. Agr. Bengal 1917/18
Butler, E. J.
Report on work...of the mycological section Ann. Rep. Expert Off. Dept. Agr. Bengal 1917/18 p. 91-94 1918

Hector, G.P.
Annual report of the economic botanist Ann. Rep. Expert Off. Dept. Agr. Bengal 1917/18 p.24-25 1918 (Notes on Ufra disease of rice)

Som, A. L.
Report of the mycological collector [Bengal] Ann. Rep. Expert Off. Dept. Agr. Bengal 1917/18 p. 94-96 1918

Ann. Rep. Mass. Agr. Exp. Stat.
Osmun, A. V.
Report of department of botany Ann. Rep. Mass. Agr. Exp. Stat. 30(1): 33a-38a 1918.

Beih. Bot. Centralbl.
Bobilioff-Preisser, W.
Zur physiologie des pollens. Beih. Bot. Centralbl. 34(1): 459-492 illus. Je.1917

Becker, W.
Violae asiaticae et australenses Beih. Bot. Centralbl. 34(2): 373-433. pl. v-vii (maps) My.1917

Rytz, W.
Beiträge zur kenntnis der gattung Synchitrium Beih. Bot. Centralbl. 34(2): 343-372 pl. ii-iv My.1917. (Literaturbericht: p. 367-368.
1. Fortsetzung: Die cytologische verhältnisse bei Synchitrium taraxaci de By. et Wor.

Ber. Deut. Bot. Ges.
Harms, H.
Ueber eine meliacee mit blattbürtigen blüten Ber. Deut. Bot. Ges. 35: 338-348 illus. Je.1917
Chisocheton pohlianus no.3.

Ber. Deut. Bot. Ges.

Höhnel, F. von
1.-2. vorläufige mitteilung mycologischer ergebnisse. Ber. Deut. Bot. Ges. 35: 247-256, 351-360. Je.1917. no.3-4.

Stark, P.
Ueber den einfluss von kontaktreizen und mechanischem reiben auf das wachstum und den turgeszenzzustand von keimstengeln. Ber. Deut. Bot. Ges. 35: 266-291. illus. Je.1917. no.3.
Literatur: p. 20-291

Ursprung, A. and Blum, G.
Ueber die schädlichkeit ultravioletter strahlen Ber. Deut. Bot. Ges. 35: 385-402 Je.1917. no.4.
Bibliographical foot notes

Wehmer, C.
Leuchtgaswirkung auf pflanzen 2-3. Ber. Deut. Bot. Ges. 35: 318-332, 403-410 illus. Je.1917. no.3-4.
2. Wirkung des gases auf grüner pflanzen. 3. Wirkung des gases auf wurzeln und beblätterte zweige beim durchgang durch erde oder wasser.

Better Fruit

Van Houten, J. M.
The fatality of crown gall in apple orchards Better Fruit 14: 9, 24 O.1919 no.1.

Biochem. Zeitschr.

Stoklasa, J.
Die physiologische bedeutung des kaliums in der pflanze. Erwiderung auf die mitteilung Th. Weevers Biochem. Zeitschr. 28: 310-325. Ag.1917

Biolog. Zentralbl.

Vries, H. de
Ueber monohrybide mutatuinen. Biolog. Zentralbl. 37: 139-148. Mr.1917.

Blätt. Zuckerrübenb.

Daude,
Chemische mittel zur vertilgung von pflanzenschädlingen Blätt. Zuckerrübenb. 24: 117-118, 128-131. My.1917.

Uzel, H.
Bericht über krankheiten und feinde der zuckerrübe in Böhmen und der mit derselben abwechselnd kultivierten pflanzen im jahre 1914 Blätt. Zuckerrübenb. 24: 159-164. Jy.31,1917

Bot. Gaz.

Cribbs, J. E.
Ecology of Tilia americana I Bot. Gaz. 68: 262-286 illus. O.1919. no.4.
Literature cited: p. 285-286
Contr. Hull Bot. Labor. 253
I. Comparative studies of the foliar transpiring power.

Hoaglund, D. R.
Relation of nutrient solution to composition and reaction of cell sap of barley Bot. Gaz. 68: 297-304 O.1919 (Literature cited: p. 304)

Kempton, F. E.
Origin and development of the pycnidium Bot. Gaz. 68: 233-251 pl. xvii-xxii O.1919. no.4.
Literature cited: p. 255-257

Weston, W. E.
Repeated zoospore emergence in Dictyuchus Bot.Gaz. 68: 287-296 pl. xxiii O.1919 no.4.
Contr. Cryptog. Labor. Harvard no. 85
Literature cited: p. 295-296

Bot. Gaz. (cont.)

Weatherwax, P.
Paraffin solvents in histological work Bot. Gaz. 68: 305-306 O.1919

Bull. Dept. Agr. Feder. Malay States

Milsum, J. N.
Fruit culture in Malaya. Bull. Dept. Agr. Feder. Malay States no. 29 108 p. xxiii pl. 1919
Vernacular names

Bull. Econ. Indochin.

Chevalier, A.
Premier inventaire des bois et autres produits forestiers du Tonkin (suite et fin) Bull. Econ. Indochin. n.s.,22: 495-551. Jy./Ag.1919. no.137

Crevost, Ch.
Plantes et produits filamentaux et textiles de l'Indochine (suite) Bull. Econ. Indochine n.s. 22: 553-591. illus., plates Jy./Ag.1919. no.137.
Ch. Lemarié joint author

Demange, Victor
Notes sur quelques champignons comestible, vénéneux ou curieux du Tonkin et de l'Annam. Bull. Econ. Indichine n.s., 22: 592-609 Jy./Ag.1919
Bibliographie: p. 609 no.137

Bull. Insular Exp. Stat. Porto Rico

Earle, F. S.
The resistance of cane varieties to the yellow stripe or mosaic disease. Bull. Insular Exp. Stat. Porto Rico 19 15 p. illus. 1919.

Bull. Mich. Nursery & Orch. Inspect.

Taft, L. and Coons, G. H.
Kill the barberry Bull. Mich. Nursery & Orch. Inspect. no. 8 4 p. illus. My.1918

Bull. Soc. Etudes Sci. Angers

Bouvet, G.
Florule des Rubus de l'Anjou 4.ptie. Bull. Soc. Etudes Sci. Angers n.s. 46: 21-40 1917

Sudre, H.
Conspectus systematicus Hieraciorum Europae Bull. Soc. Etudes Sci. Angers n.s., 47: 1-56 1918

Bull. Soc. Path. Vég. France

Biers, P.
Le Coprinus radians (Desm.) Fr. est-il parasite Bull. Soc. Path. Vég. France 6: 72-74 My./Je.1919 no.2.

Foex, E.
Emission et germination des ascospores de Leptosphaeria Bull. Soc. Path. Vég. France 6: 57-61 My./Je.1919. no.2.

Foex, E.
Une maladie des epinards Bull. Soc. Path. Vég. France 6: 35-36 Mr./Ap.1919. no.2.
Quotes conclusions of U. S. investigators

Foex, E.
Note sur le piétin du blè Bull. Soc. Path. Vég. France 6: 52-56. My./Je.1919. no.2.

Foex, E.
L'oidium brun des euphorbes Bull. Soc. Path. Vég. France 6: 31-34 Mr./Ap.1919 no.2.
Sphaerotheca euphorbiae & Uromyces scutellatus

Foex, E.
Tubérosités du châtaignier et chancre du rosier. Bull. Soc. Path. Vég. France 6: 68-71. My./Je.1919. no.2.

Bull. Soc. Path. Vég. France
Guinier, P.
Une invasion de Trametes pini Fr. dans une forêt de pin maritime. Bull. Soc. Path. Vég. France 6: 48-51. My./Je.1919 no.2.

Bull. Torr. Club
Arthur, J. C. and Mains, E.B.
Grass rusts of unusual structure Bull. Torr. Club 46: 411-415 illus. O.1919. no.10
Puccinia phakopsoroides, n. sp.

Smith, C. P.
Studies in the genus Lupinus IV. The pusilli Bull. Torr. Club 46: 389-410 illus. O.1919. no.10.

Calif. Citrogr.
Fawcett, H. S.
Citrus blast Calif. Citrogr. 5: 3 illus. no.1. N.1919.

Canada Agr. Exp. Farms Bull.
McCubbin, W. A.
The diseases of tomatoes. Canada Agr. Exp. Farms Bull. s.2, no. 35 16 p. 3 pl. 1919

Centralbl. Bakt.
Bokorny, T.
Organische kohlenstoffernährung der pflanzen Parellele zwischen pilzen und grünen pflanzen Centralbl. Bakt. abt.2, 47: 301-375 Ap.1917 no.10/15

Compt. Rend. Soc. Phys. Hist. Nat. Genève
Briquet, J.
Le stigmate et la biologie florale des Hydrangea américains Compt. Rend. Soc. Phys. Hist. Nat. Genève 36: 38-43. 1919

Hochreutiner, B. P. G.
Sur las relations de parenté des guttifères avec d'autres familles végétales Compt. Rend. Soc. Phys. Hist. Nat. Genève 36: 62-67 1919

Contr. Gray Herb. n.s.
Macbride, J. F.
Notes on certain Leguminosae Contr. Gray Herb. n.s., 59: 1-27 S. 30, 1919

Macbride, J. F.
Reclassified or new spermatophytes chiefly North American Contr. Gray Herb. n.s., 59: 28-39 S.20,1919.

Deut. Landw. Presse
Appel, O.
Die moniliakrankheit des obstes Deut. Landw Presse 44: 379-380 col. pl. Je.16,1917.

Linden,
Die weidekrankheiten und ihre bekämpfung Deut. Landw. Presse 46: 367-368 Je.9,1917

Empire For.
Sheals, R. A.
White pine blister rust control work in Rhode Island Empire For. 1919 p.28-30 illus.

Festschr. 100 jähr. Besteh. K. Württ. Landw. Hochsch. Hohenheim
Lang, W.
Beobachtungen über das auftreten des gelbrostes. Festschr. 100jähr. Besteh. K. Württ. Landw. Hochsch. Hohenheim Stuttgart, 1918 p. 84-101
Puccinia glumarum

Plaut, M.
Ueber die morphologischen und mikroskopischen merkmale der periodizität der wurzel sowie über die verbreitung der metakutisierung der wurzelhaube im pflanzenreich Festchr. 100jähr. Besteh. K. Württ. Landw. Hochsch. Hohenheim Stuttgart, 1918 p.129-151 illus.
Bibliographical foot notes

Festchr. 100jähr. Besteh. K. Württ. Landw. Hochsch. Hohenheim.
Tischler, G.
Analytische und experimentelle studien zum heterostylie-problem bei Primula Festchr. 100jähr. Besteh. K. Württ. Landw. Hochsch. Hohenheim Stuttgart, 1918 p.254-273. illus. (Citierte literatur: p. 272-273)

Florida Grow.
Fulton, H. R. and Winston, J.R.
Prevention of root-knot of pineapples. Florida Grow. v.20, no.17, p.7 O.25,1919.

Forstwis. Centralbl.
Tubeuf, C. von
Wer verbeitet die mistelbeeren? Forstwis. Centralbl. 39: 224 1917

Fühl. Landw. Zeit.
Stutzer, A.
Beziehung zwischen der reaktion des bodens dem auftreten von pflanzenkrankheiten und der entwicklung gewisser pflanzen. Fühl. Landw. Zeit. 66: 130-132. Mr.1917 no.5/6.

Gard. Mag.
Wilson, E. H.
The romance of our trees II. The Ginkgo. Gard. Mag. 30: 144-148. illus. N.1919. no.4.

Gard. Chron. III.
Farrer, R.
Mr. Reginald Farrer's second exploration in Asia no.8 On Sabiya-Kaw. Gard. Chron. III, 66: 197. illus. O.18,1919. no.1712.

Morris, Sir D.
Botany and the empire Gard. Chron. III, 66: 205, O.18,1919 no.1712.

Gartenfl.
Laubert, R.
Biologisches über peronosporaceen Gartenfl. 66: 71-74. Mr.15,1917

Genetics
Johnson, J.
Inheritance of branching habit in tobacco. Genetics 4: 307-340 illus., fold. tab. Jy.1919. no.4.
Literature cited: p. 340

Jones, D. F.
Selection of pseudo-starchy endosperm in maize. Genetics 4: 364-393 pl. 1-8 Jy.1919. no.4.
Literature cited: p. 393

East, E. M.
Studies on self-sterility III-V. Genetics 4: 341-363 Jy.1919 No.4.
Literature cited: p. 345, 355.
III. The relation between self-sterility and self-sterile plants. IV. Selective fertilization. V.A family of self-sterile plants wholly cross-sterile inter se.

Hawaiian For. & Agr.
Judd, C. S.
The kukui or candlenut tree Hawaiian For. & Agr. 16: 222-223 pl. S.1919. no.9.
Aleurites moluccana

Jahrb. Wiss. Bot. Pringsh.
Fitting, H.
Untersuchungen über isotonische koeffizienten und ihr an nutzen für permeabilitätsbestimungen Jahrb. Wiss. Bot. Pringsh. 57: 553-612. 1917.
Literaturverzeichnis: p. 609-612

Stark, P.
Beiträge zur kenntnis des traumatotropismus Jahrb. Wiss. Bot. Pringsh. 57: 461-552 illus. 1917.

Journ. Agr. Research.

Schultz, E. S.
Investigations of the mosaic disease of the Irish potato. Journ. Agr. Research v.17, no.6, p.247-273 col., pl. A-B, pl. 25-30 S.15,1919
Literature cited: p. 272-273.
D. Folsom, F.M.Hildebrandt,L.A.Hawkins joint authors

Stevens, N.E. & Higgins, C.H.
Temperature in relation to quality in sweetcorn. Journ. Agr. Research v.17, no.6. p. 275-284 S.15,1919
Literature cited: p. 283-284

Journ. & Proc. Hamilton Sci. Assoc.

Duff, G. Jr.
Phytopathology, an economic science, the science of plant disease. Journ. & Proc. Hamilton Sci. Assoc. 29 (1912/13-17/18): 168-172. 1919.

Duff, G. Jr.
The white pine blister rust. Journ. & Proc. Hamilton Sci. Assoc. 29(1912/13-17/18): 168-172 1919
Synopsis of lecture

Journ. Bot. Soc. So. Afr.

The native trees and tree-shrubs of Kirstenbosch Journ. Bot. Soc. So. Afr. 3: 12-22 incl. 2 pl. 1917.

Phillips, E. P.
The South African Proteaceae Journ. Bot. Soc. South Africa 3: 5-10 illus. 1917

Journ. Dept. Agr. So. Austr.

Osborn, T. G. B.
Blackleg disease of cabbages. Journ. Dept. Agr. So. Austr. 23: 107-110. illus. S.1919. no.2.

Journ. Industr. & Engin. Chem.

Wheeler, H. J.
Problems and methods in agricultural research Journ. Industr. & Engin. Chem. 11: 1056-1060 N.1919 No.11.

Journ. New York Bot. Gard.

Small, J. K.
Coastwise dunes and lagoons. A record of botanical exploration in Florida in the Spring of 1918 Journ. New York Bot. Gard. 20: 191-207 pl. 236-238 O.1919. No.238.

Journ. Wash. Acad. Sci.

Hitchcock, A. S.
History of the Mexican grass, Ixophorus unisetus Journ. Wash. Acad. Sci. 9: 546-552 N.4,1919 no.18.

Lunds Univ. Arsskr.

Heribert,-Nilsson, N.
Experimentelle studien über variabilität spaltung artbildung und evolution in der gattung Salix Lunds Univ. Arsskr. n. f., avd. 2, v. 14, no. 28 145 p. illus. 1918

Meded. Landbouwhoogesch. Wageningen

Quanjer, H. M.
Sur la fonction du tissu crible Meded. Landbouwhoogesch. Wageningen 16: 95-104 1919 no.4/5
[Literature]: p. 103-104

Riztema Bos, J.
Verslag over onderzoekingen, gedaan in- en over inlichtingen, gegeven van wege bovengenoemd instituut, in het jaar 1915 Meded. Landbouwhoogesch. Wageningen 16: 105-157 1919. No.4/5

Minn. Hort.

Waldron, L. R.
Native fruits of North Dakota Minn. Hort. 47: 426-435 illus. N.1919. No.11.

Its Mitteilungen

Behrens, J.
Bericht über die tätigkeit der Biologisches reich-anstalten für land- und forstwirtschaft in dem jahren 1916-18, 12.-14. jahresbericht. Its Mitteilungen no. 17 54 p. 1919.

Mysore Agr. Calendar

The pest act against Koleroga and its application. Mysore Agr. Calendar 1919 p. 17-20

Naturw. Wochenschr.

Killermann, S.
Maischwamm und erdsimmerling Naturw. Wochenschr. n.f., 16: 430-433. illus. Ag.5,1917
Literatur: p. 433

Naturw. Zeitschr. Forst- u. Naturw.

Tubeuf, C. von
Andere baum früchte als ölquelle. Naturw. Zeitschr. Forst- u. Naturw. 15: 254-257. Jy./S.1917

Tubeuf, C. von
Nachträge zur kenntnis des fichtensamenöles und seiner gewinnung. Naturw. Zeitschr. Forst- u. Landw. 15: 239-252 Jy./S.1917

Tubeuf, Carl von and Tubeuf, E. von
Nadelholzsamen als nahrungsmittel. Naturw. Zeitschr. Forst- u. Landw. 15: 209-239. illus. 2 pl. Jy./S.1917

Tubeuf, C.
Ueber das verhältnis der kiefern-peridermien zu Cronartium Naturw. Zeitschr. Forst- u. Landw. 15: 268-307 illus. Jy./S.1917
Bibliographical foot notes

Nederl. Kruidk. Arch.

Cool, C. and Meulenhoff, J. S.
Bidrag tot de mycologische flora van Nederland Nederl. Kruidk. Arch. 1917 p. 74-128

Kloos, A. W.
Enkele opmerkungen naar aanleiding van het geslacht Veronica Nederl. Kruidk. Arch. 1917 p.136-156.

Westerdijk, J. and Luijk, A. van
Bidrage tot de mycologische flora van Nederland Nederl. Kruidk. Arch. 1916. p.92-121 1917. p.206-217.

Orchis

Schlechter, R.
Die gattung Acineta Ldl. Orchis 11: 21-47 illus. Mr.15,1917

Pharm. Era

Church, T. A.
Sphagnum moss now a commercial product... Pharm. Era 52: 253-255 illus. O.1919. No.10.

Philipp. Journ. Sci.

Beccari, O.
The palms of the Philippine Islands Philipp. Journ. Sci. 14: 295-362 pl. i-iii Mr.1919. No.3.

Phytopath.

Brandes, E. W.
Banana wilt Phytopath. 9: 339-389 illus. xxi-xxxiv (partly col.) S.1919. No.9.
Literature cited: p. 388-389
Fusarium cubense; F. cubense var. inodoratum n.v.

Carsner, E.
Susceptibility of various plants to curly-top of sugar beet Phytopath. 9: 413-421. illus. No.9 S.1919

Phytopath. (cont.)

Doran, W. L.
The minimum, optimum and maximum temperatures of spore germination in some Uredinales. Phytopath. 9: 291-402 S.1919
Literature cited: p. 401-402

Shapovalov, M.
Is the common potato scab controllable by a mere rotation of crops? Phytopath. 9: 422-424 illus. S.1919. no.9.
Literature cited: p. 424.

Vogel, I. R.
A rose graft disease. Phytopath. 9: 403-412. illus. S.1919. No.9.
Literature cited: p. 411-412
Coniothyrium rosarum

Plant World

MacDougal, D. T.and Spoehr, H.A.
The solution and fixation accompanying swelling and drying of biocolloids and plant tissues. Plant World 22: 129-137 My. 1919 (rec'd Nov.) no.5.

Munns, Edw. N.
Effect of fertilization on the seed of the Jeffrey pine Plant World 22: 138-144 My.1919. No.5. (rec'd Nov.)

Quart. Journ. Sci. Dept. Indian Tea Assoc.

Tunstall, A. C.
Fungus blights of tea in north-east India during the season of 1917 Quart. Journ. Sci. Dept. Indian Tea Assoc. 1918 p.25-28 no.2.

Tunstall, A. C.
Notes on the general treatment of fungus diseases Quart. Journ. Indian Tea Assoc. Sci. Dept. 1918 p.122-128 1919
Reprinted in Plant. Chorn. 14: 226-229 Ap.19,1919.

Rep. Agr. Dept. Dominica

Plant legislation in Dominica Rep. Agr. Dept. Dominica 1918/19 p. 17 1919

Work connected with insect and fungus pests and their control Rep. Agr. Dept. Dominica 1918/19 p.13-16 1919

Rep. Director Dept. Agr. Ceylon

Petch, T.
Report on the work of the botanical and mycological director 1918 Rep. Director Dept. Agr. Ceylon 1918 p. C10-C11

Rep. Iowa State Hort. Soc.

Greene, L.
1917 and 1918 winter injury to apple trees. Rep. Iowa State Hort. Soc. 1918. 53: 119-123 pl. 1919

Pammel, L. H.
Byron David Halsted In his Recent literature of fungous diseases Rep. Iowa State Hort. Soc. 1918 53: 223-225 1919

Pammel, L. H.
Effect of winter on shrubs at Ames, Iowa. Rep. Iowa State Hort. Soc. 1918. 53: 39-41. 1919

Pammel, L. H.
The extermination of the common barberry to prevent crop leakage due to stem rust. Rep. Iowa State Hort. Soc. 1918 53: 401-408 1919

Pammel, L. H.
George F. Atkinson In his Recent literature on fungous diseases of plants Rep. Iowa State Hort. Soc. 1918 53: 221-223 1919

Rep. Iowa State Hort. Soc. (cont.)
Pammel, L. H.
Recent literature on fungous diseases of plants Rep. Iowa State Hort. Soc. 1918 53: 185-225. [1919]

Pammel, L. H.
The willows and poplars of Iowa Rep. Iowa State Hort. Soc. 1918. 53: 163-173 plates 1919

Rev. R. Acad. Cienc Madrid
Lazaro e Ibiza, B.
Revisión critica de las especies peninsulares del género Viola Rev. R. Acad. Cienc. Madrid II, 7: 249-280 pl. Ja./Mr.1919 no.7/9

Rev. Agric. Com. y Trab.
Bruner, S. C.
La enfermedad del "mosaico" o de "rayas amarillas" de la caña de azúcer en Cuba. Rev. Agric. Com. y Trab. Cuba 2: 437-442 illus. S.1919. No.9.

Rev. Agr. Puerto Rico
Legrand, J. F.
Plantas utiles de Puerto Rico (cont.) Rev. Agr. Puerto Rico 3: 21-27 Ag.1919. No.3.

Sci. Amer.
Hollick, A.
The story of the Bartram oak; how a little exact experimental science solved a problem of long standing Sci. Amer. 121: 422, 429-430, 432. illus. O.25,1919 no.17. (Bartram oak hybrid of willow and red oak)

Sci. Amer. Suppl.
Gagnepain, F.
Vegetable "plethora" results of "over-feeding" of plants and differences in habitat between individuals of the same species Sci. Amer. Suppl. 88: 220, 232 illus. O.11,1919 No.2383
Transl. from LaRousse Mensuel

So. Afr. Journ. Industr.
Evans, I. B. P.
Citrus canker in South Africa and its eradication So. Afr. Journ. Industr. 2: 13-34 illus. (incl. map) Ja.1919

Torreya
Léon, Brother
A new Cuban Sida. Torreya 19: 172-173 S.1919
S. brittoni

Nelson, J. C.
A comparison of the flora of southern British Columbia with that of the state of Washington, as illustrating by the floras of Henry and Piper. Torreya 19: 174-184 S.1919

Pennell, F. W.
Scrophulariaceae of the local flora III Torreya 19: 161-171. S.1919 No.9

Trans. Amer. Micros. Soc.
Steil, W. N.
Secondary prothallia Nephrodium hirtipes HK. Trans. Amer. Micros. Soc. 38: 229-234 pl. xxv-xxvi Jy.1919 no.3.

Tufts Coll. Stud.
Collins, F. S.
A working key to the genera of North American Algae Tufts Coll. Stud. v. 4, no.8 50 p. N.1918 (Scientific series no. 38)

U. S. Dept. Agr. Farmers' Bull.
Humphrey, H.B. & Johnson, A. G.
Take-all and flag smut, two wheat diseases new to the United States. U. S. Dept. Agr. Farm. Bull. 1063. 8 p. illus. Ag.1919

Vie Agr. et Rur.
Rabaté, E.
Le charbon et la carie du blé Vie Agr. et Rur. 9: 218-220 illus. S.27,1919. No.39.

Virginia Agr. Exp. Stat. Bull.
Fromme, F. D.
The nematode disease of wheat in Virginia
Virginia Agr. Exp. Stat. Bull. 222 12 p. illus. Ag.1919

Zeitschr. Bot.
Oltmanns, F.
Ueber phototaxis Zeitschr. Bot. 9: 257-338 illus. 1917 no.5.

Zeitschr. Ver. Deut. Zuckerind.
Krüger,W. and Wimmer, G.
Weitere versuche über bekämpfung des wurzelbrandes junger rübenpflanzen durch saatgutbeizung Zeitschr. Ver. Deut. Zuckerind. 1917 p. 649-654. D.1917
(Mitt. Herzogl. Anhalt. Versuchsst. Bemburg 54)

Zeitschr. Zuckerind. Böhmen
Uzel, H.
Der chronische wurzelbrand, eine neue gefahr für die zuckerrübe Zeitschr. Zuckerind. Böhmen 41: 306-309 F.1917. No.5.

Recent Books.

73 Correa, M. P.
C81Fi Fibras texteis e cellulose. 1919.

105.8 Hohenheim. K. Württ. Landwirtschaftlichen hochschule
H686 Hohenheim
Festschrift feier des 100jährigen bestehens
Stuttgart, 1918.

464.4 Kirchner, O. von
K63 Die obstbaum feinde 3. verm. augl. [1912?]

Leceq, Raoul
Sur une méthode d'essai des huiles utilisables du Savonnerie 1917.

463.34 Livingston, B.E.
L76 A plan for cooperative research on the salt requirements of representative agricultural plants. 2d ed. 1919

308 Rolet, Antoine
R64 Plantes á parfums 1918

LIBRARY
RECEIVED
DEC 4 1919
U.S. Department of Agriculture

Addisonia

Paphiopedilum rothschildianum Addisonia 4: 41-42 col. pl. 141 S.1919

Hamamelis virginiana Addisonia 4: 43-44 col., pl. 142 S.1919

Arctotis grandis Addisonia 4: 45-46 col., pl. 143 S.1919

Crataegus spathulata Addisonia 4: 47 col. pl. 144 S.1919

Penstemon hirsutus Addisonia 4: 49-50 col. pl. 145 S.1919

Orontium aquaticum Addisonia 4: 51-52 col. pl. 146 S.1919

Echinopsis leucantha Addisonia 4: 53 col. pl. 147 S.1919

Viburnum lantana Addisonia 4: 55-56 col. pl. 148 S.1919

Centaurea montana Addisonia 4: 57-, col. pl. 149 S.1919

Alonsoa meridionalis Addisonia 4: 59-60 col. pl. 150 S.1919

Agr. Bull. Feder. Malay States

Belgrave, W.N.C.
Notes on mycology during 1918 Agr. Bull. Feder. Malay States 7: 141-143. My./Je.1919 No.3.
Rubber diseases mainly

Eaton, B. J.
Tung oil or Chinese wood oil and candlenut oil from Aleurites sp. Agr. Bull. Feder. Malay States 7: 162-165. My./Je.1919

Ellis, A.G.G.
Notes on the work of the inspection staff during 1918 Agr. Bull. Feder. Malay States 7: 144-150 My./Je.1919. No.3.
Mainly rubber diseases

Spring, F. G. and Milsum, J. N.
Notes on the cultivation of ragi (Eleusine coracana) Agr. Bull. Feder. Malay States 7: 154-161. My./Je.1919.

Agr. Gaz. Canada

A disease of pears, new to the continent of America. Phytophthora cactorum (Leb. et Cohn) Schroeter Agr. Gaz. Canada 6: 951-952 illus. N.1919. No.11.

Ellis, J. H.
The stage of maturity of cutting wheat when affected with black stem rust. Agr. Gaz. Canada 6: 971. N.1919. No.11.

Agr. News

Salt and the growth of coastland plants Agr.News 18: 321-323 O.18,1919.

Amer. Fruit Grow.

Sepp, M. A.
A huckleberry orchard in Florida. Amer. Fruit Grow. v.39, no. 11 p. 16 illus. N.1919

Ann. Rep. Hort. Res. Stat. Bristol
Spinks, G.T.
Burgundy mixture and other copper sprays Ann. Rep. Hort. Res. Stat. Bristol 1918 p. 19-24

Spinks, G.T.
Potato spraying trials 1917 Ann. Rep. Hort. Res. Stat. Bristol 1918 p. 16-18

Bienn. Rep. Bd. Hort. Oregon
Lovett, A. L.
The potato eelworm. Bienn. Rep. Bd. Hort. Oregon 15: 101-104 illus. 1919

Biol. Medd. Danske Vidensk. Selsk.
Raunkiaer, Christen
Ueber homodromie und antidromie insbesondere bei gramineen Biol. Medd. Danske Vidensk. Selsk. v.1, no.12 31 p. 1919
Literatur: p. verso p. 31

Bull. Dept. Agr. Bombay
Barakzai, M. U. F.
First report on fruit culture as practised round about Tharushah (Sind) in Nawabshah district Bull. Dept. Agr. Bombay 1918, no.88 18 p. 1919

Compt. Rend. Acad. Sci. Paris
Blaringhem, L.
Vigeur végétative, compensatrice de la stérilité chez les hybrides d'espèces de digitales (Digitalis purpurea L.; D.lutea L.) Compt. Rend. Acad. Sci. Paris 169: 481-483 1919. No.10

Daniel, L.
Sur la stabilité et l'hérédité des Crataegomespilus et des Firocydonia Compt. Rend. Acad. Sci. Paris 169: 513-515. 1919. No.11.

Dufrénoy, J.
Sur les tumeurs bacteriennes expérimentales des pins Compt. Rend. Acad. Sci. Paris 169: 545-547 1919. No.12.

Mangin, L.
Notice sur M. William Gilson Farlow Compt. Rend. Acad. Sci. Paris 169: 445-448 1919. No.10.

Mervillez, F.
L'appareil conducteur foliare des hamamélidacées et des formes voisines Compt. Rend. Acad. Sci. Paris 169: 542-543 illus. 1919 No.12.

Gard. Chron. III.
Morris, Sir Daniel
Botany and the Empire (Concl.) Gard. Chron. III, 66: 210-211 O. 25,1919. No.1713.

Geogr. Rev.
Ward, R. Dec
A new classification of climate Geogr. Rev. 8: 188-191 map S.1919
Comment on W. Köppen's Klassification der klimate nach temperatur, niederschlag und jahresverlauf. Peterm. Mitt. v.64, p. 198, 242 1918

Hoosier Hort.
Brock, W. S.
Apple blotch control. Hoosier Hort. 1: 5-7 Ag.1919. No.7.

Landscape Arch.
Lay, C. D., comp. and Wheelwright, R. joint comp.
A check-list of plants mentioned in the Arnold Arboretum bulletins. Landscape Arch. 10: 1-53. O.1919.

New Zeal. Journ. Agr.
Cockayne, L.
An economic investigation of the montane tussock-grassland of New Zealand III. Notes on the depletion

New Zeal. Journ. Agr. (cont.)
of the grassland. New Zeal. Journ. Agr. 19: 129-138 illus. S.1919. No.3.

North Carolina Agr. Exp. Stat. Techn. Bull.

Detjen, L. R.
The limits in hybridization of Vitis rotundifolia with related species and genera North Carolina Agr. Exp. Stat. Techn. Bull. 17 25 p. illus. Jy.1919
Literature cited verso of p. 25

Detjen, L. R.
Some F_1 hybrids of Vitis rotundifolia with related species and genera North Carolina Agr. Exp. Stat. Techn. Bull. 18 50 p. illus. Ag.1919
Literature cited on leaf following p. 50

Notes Roy. Bot. Gard. Edinb.
Balfour, I. B.
New species of Rhododendron III Notes Roy. Bot. Gard. Edinb. 11: 19-153 Ja.1919(Nos. LII-LIII)

Hutchinson, J.
The Maddeni series of Rhododendron Notes Roy. Bot. Gard. Edinb. 12: 1-84 illus. Jy.1919. (No. LVI)

Parfum. Moderne
Faucillon, X.
La production des essences parfumées aux Seychelles. Parfum. Moderne 12: 127 Ag.1919 No.8.

Philipp. Journ. Sci.
Merrill, E. D.
New or noteworthy Philippine plants XV Philipp. Journ. Sci. 14: 365-457 Ap.1919. [rec'd Nov.] No.4.

Merrill, E. D.
Notes on the flora of Sumatra Philipp. Journ. Sci. 14: 239-250 F.1919 (Rec'd Oct.) No.2.

Proc. Calif. Acad. Sci. IV.
Hall, H. M. and Grinnell, Joseph
Lifa-zone indicators in California. Proc. Calif. Acad. Sci. IV, 9: 37-67 Je.1919 No.2.

Proc. R. Irish Acad.
Henry, A. and Flood, M. C.
The history of the Durkeld larch, Larix eurolepis, with notes on other hybrid conifers. Reprinted from Proc. R. Irish Acad. 35: 55-66 pl. xi S.1919.

Proc. Roy. Soc. Victoria
Ewart, A. J.
The cause of bitter pit Proc. Roy. Soc. Victoria 30: 15-20. 1917. [illegible] pt.1.

Ewart, A. J.
Contributions to the flora of Australia 26 Proc. Roy. Soc. Victoria 30: 173-177 1918 pt.2.

Ewart, A. J.
On chlorophyll, carotin and xanthophyll and the production of sugar from formaldehyde Proc. Roy. Soc. Victoria 30: 178-209 1918. pt.2.

Rogers, R. S.
Chiloglottis pescottiana sp. nov. Proc. Roy. Soc. Victoria 30: 139-141. pl. xxv 1918 pt.2.

Proc. Soc. Exper. Biol. & Med.
Harris, J. A.
The transformation of the plant ovule into an ovary. Proc. Soc. Exper. Biol. & Med. 16: 134-136. 1919. No.8.

Progr. Agr. et Vitic.
Vercier, J.
Surveillons la nouvelle maladie du groseillier Progr. Agr. et Vitic. 72: 207-209 illus. Ag.31,1919
Sphaerotheca mors uvae

Rev. Agr. Puerto Rico
Legrand, J. F.
Plantas utiles de Puerto Rico (cont.) Rev. Agr. Puerto Rico v.3, no.4, p.5-11 illus. S.1919

Rev. Gén. Bot.
Guilliermond, A.
Observations vitales sur le chondriome des végétaux et recherches sur l'origine des chromoplastides et le mode de formation des pigments xanthochylliens & carbotiniens. Contribution a l'étude physiologique de la cellule Rev. Gén. Bot. 31: 372-413 pl. 10 S.1919 No.369

Rhodora
Evans, A. W.
Notes on New England Hepaticae XV Rhodora 21: 149-169 illus. pl. 126 S.1919. No.249

Fernald, M.L.
Coresopsis rosea Nutt. forma leucantha Rhodora 21: 171 S.1919 No.249

Fernald, M. L.
The variations of Ranunculus repens. Rhodora 21: 169. S.1919. No.249.

Howe, I. A.
November flowers in northern Vermont. Rhodora 21: 170 S.1919 No.249

Rur. New York
Rand, F. V.
A competence in water-lilies. Rur. New York. 78: 1637-1638 illus. N.8,1919
Account of Shaw aquatic gardens, Washington,D.C.

Science
Kelley, Frank J.
Substitutes for the words homozygous and heterozygous Science 50: 458-460 N.14,1919. No.278

Science & Industr.
Mackinnon, E.
The water hyacinth Science & Industr. 1: 226-235 illus. Ag.1919 No.4.

Scott. Journ. Agr.
O'Brien, D. G.
Rhizoctonia diseases, or stem rot, on potatoes. Scott. Journ. Agr. 2: 482-491 illus., plates O.1919. No.4. (Bibliography: p. 490-491)

So. Afr. Journ. Sci.
Doidge, E. M.
The diagnostic characters of some superficial fungi So. Afr. Journ. Sci. 15: 364-368 Ja./F.1919 No.5. (Discusses Perisporiales & Hemisphaeriales)

Doidge, E. M.
Walnut bacteriosis, Bacterium juglandis Pierce So. Afr. Journ. Sci. 15: 407-412. Mr./Ap.1919. No.6.

Phillips, Edwin Percy
Some notes on a collecting trip to French Hoek So. Afr. Journ. Sci. 15: 450-478 Mr./Ap.1919. No.6.

Teysmannia
Smith, J. J.
Nieuwe misvormingen bij klappers Teysmannia 30: 291-297 iv pl. 1919

Wigman, H. J.
Schaduw-, sier - en laanboomen (vervolg I) Teysmannia 30: 315-322 1919. No.7.

Tijdschr. Plantez.

Berichten van den Phytopathologischendienst Tijdschr. Plantenz. 25: 195-200 1919
Ziekte in zomertarwe.- Bestrijding van brandziekten in tarwe en gerst. - De strepenziekte der gerst.

Schoevers, T. A. C.
De tomatenkanker, een voor Nederland nieuwe, ernstige tomatenziekte. Tijdschr. Plantenz. 25: 174-192 pl. iii-iv 1919 No.5.

U. S. Dept. of Agr. Bull.

Weir, J. R. & Hubert, E.E.
A study of the rots of western white pine.. U. S. Dept. Agr. Bull. no. 799. 24 p. N.10,1919.

Brandes, E. W.
The mosaic disease of sugar cane and other grasses. U. S. Dept. Agr. Bull. 829. 26 p. illus., col. pl. O.29,1919.

U. S. Dept. of Agr. Farmers' Bull.

Harter, L. L.
Sweet-potato diseases U. S. Dept. Agr. Farmers' Bull. 1059 24 p. illus. O.1919.

Univ. Calif. Publ. Bot.

Brandegee, T. S.
Plantae mexicanae purpusianae IX Univ. Calif. Publ. Bot. v.6, no. 19 p. 497-504. N.1919.

Hall, H. M. & Goodspeed, T.H.
A rubber plant survey of western North America. Univ. Calif. Publ. Bot. v.7, nos.6/8 p.159-278 illus., pl. 18-20 N.7,1919.
I. Chrysothamnus nauseosus and its varieties by H. M. Hall.
II. Chrysil, a new rubber from Chrysothamnus nauseosus, by H. M. Hall & T. H. Goodspeed.
III. The occurrence of rubber in certain west American shrubs, by H. M. Hall & T. H. Goodspeed
Chrysothamnus sp. & Haplopappus

RECENT BOOKS.

100 Andries, Raymond
D66 Rembertus Dodoers 1917.

463 Bower, F.O.
B672 Botany of the living plant. 1919.

452.6 Christensen, C.
F77 Naturforskeren Pehr Forsskal. 1918.

99.06 McFee, I. N.
M16 The tree book. 1919.

LIBRARY
RECEIVED
DEC 18 1919
U. S. Department of Agriculture

Bureau of Plant Industry Library
Current Author Entries, 1919, List No.20.
Indexed Nov.24-Dec.6,1919.

Agr. Gaz. N.S.W.

Breakwell, E.
Popular descriptions of grasses (Cont.)
Agr. Gaz. N.S.W. 30: 719-722 illus. O.1919. No.10.
Eriochloa grasses

Darnell-Smith, G.P.
A dry method of treating seed wheat for bunt.
Agr. Gaz. N.S.W. 30: 685-692 illus. O.1919. No.10.
Dry copper carnbonate

Amer. For.

Walker, R. S.
The Paulownia tomentosa tree Amer. For. 25: 1485-1486 illus. N.1919

Amer. Journ. Bot.

Ensign, M.E.
Venation and senescence of polyembryonic citrus plants Amer. Journ. Bot. 6: 311-329 illus. O.1919. No.8. (Bibliography: p. 329)

Steinberg, R. A.
A study of some factors in the chemical stimulation of the growth of Aspergillus niger Amer. Journ. Bot. 6: 330-356 O.1919. No.8.

Amer. Nat.

Gleason, H. A.
Variability in flower-number in Vernonia missurica Raf. Amer. Nat. 53: 526-534 N./D.1919. No.629.

Roberts, H.F.
Darwin's contribution to the knowledge of hybridization. Amer. Nat. 53: 535-554 N./D.1919. No.629
Bibliography: p. 554

Anal. Cient. Parag.

Bertoni, M. S.
Contributiona à l'etude botanique des plantes cultivées I Anal. Cient. Parag. II, no. 4, p.250-322. Ja.1919.
I. Essai d'une monographie du genre ananas

Ann. Rep. Fruit Grow. Assoc. Ontario

Neilson, J. A.
Winter injury among fruit trees Ann. Rep. Fruit Grow. Assoc. Ontario 15(1918): 41-48 1919.

Ann. Rep. Vermont Hort. Soc.

Bailey, H.L.
The blister rust disease of currants and pines Ann. Rep. Vermont Hort. Soc. 16 (Proc. 22d. Ann. Meet.): 7-8 1919

Bienn. Rep. Publ. Dom. Comm. Mich.

Young, L.J.
Report on the white pine blister rust work in the state of Michigan for the calendar year 1918. Bienn. Rep. Publ. Dom. Comm. Mich. 1916-18. p.112-116. 1919.

Biochem. Journ.

Haynes, D.
Electrical conductivity as a measure of the content of electrolytes of vegetable saps. Biochem. Journ. 13: 111-123 Jy.1919. No.2.
References: p. 123.

Biochem. Zeitschr.

Zlataroff, As
Phytochemische studien Biochem. Zeitschr. 75: 200-210 illus. Je.1916.
I. Cicer arietinum

Bol. Estac. Exp. Insular Puerto Rico.

Colon, I. A.
Insecticidas y fungicidas Bol. Estac. Exp. Insular Puerto Rico no.20 23 p. S.1919 (Bibliografia: p.23)

Bot. Gaz.

Coulter, J. M.
Aaron Aaronsohn Bot. Gaz. 68: 388-389 port. N.1919. No.5.

Dupler, A.W.
Staminate strobilus of Taxus canadensis. Bot.Gaz. 68: 345-366 illus., pl. xxiv-xxvi N.1919. No.5.
Literature cited: p. 363-364
Contr. Hull Bot. Labor. 255.

Rigg, G. B. and Thompson, T.G.
Colloidal properties of bog water. Bot. Gaz. 68: 367-379 N.1919. No.5.
Literature cited: p. 379

Ramaley, F.
Vegetation of undrained depressions on the Sacramento plains. Bot. Gaz. 68: 380-387 illus. N.1919. No.5.

Woo, M.L.
Chemical constituents of Amaranthus retroflexus Bot. Gaz. 68: 313-344 N.1919. No.5.
Literature cited: p.343-344
Contr. Hull.Bot. Labor. 254.

Bot. Mag. Tokyo

Miyoshi, M.
Ueber die erhaltung einer neuen, wildwachsenden hängenden varietät des kastanienbaumes als naturdenkmal. Bot. Mag. Tokyo 33: 185-188 illus. No.393. S.1919.
Castanea sativa var. pendula nov. var.

Bryol.

Andrews, A.LeR.
Notes on North American Sphagnum VIII Bryol. 22: 45-49 S.1919. No.5.

Evans, A. W.
Notes on North American hepaticae VIII Bryol. 22: 54-73 illus. S.1919. No.5.

Rapp, S.
A list of mosses from Sanford, Florida. Bryol. 22: 50-54 S.1919

Bull. Agr. Inst. Sci. Saigon

Chevalier, A.
Les theiers sauvages de l'Inde anglaise et de la Chine. Bull. Agr. Inst. Sci. Saigon 1: 300-308 O.1919. No.10.

Canad. Field Nat.

Holm, T.
Types of Canadian carices Canad. Field Nat. 33: 72-77 O.1919 No.4.

Gard. Mag.

Wilson, E. H.
The cedar of Lebanon Gard. Mag. 30: 178-183 illus. D.1919.

Gard. Bull. Straits Settlements

Burkill, I. H.
The composition of a piece of well-drained Singapore secondary jungle thirty years old. Gard. Bull. Straits Settlements 2: 145-157 S.1919. No.5.

Gard. Chron. III.

Farrer, R.
Mr. Reginald Farrer's second exploration in Asia no.9. June on the heights. Gard. Chron. III, 66: 221-222 illus. N.1,1919. No.1714. (illus. also on p.223)

Iowa Agr. Exp. Stat. Circ. 57.

Melhus, I. E. and Gilman, J.C.
An improved method of potato seed treatment. Iowa Agr. Exp. Stat. Circ. no.57 8 p. illus. Mr.1919.

Journ. Agr. Sci.

Griffith, J.J.
Influence of mines upon land and livestock in Cardiganshire. Journ.Agr.Sci.9:366-395,pl.iv-xvi. No.4. O.1919.

Journ. Agr. Sci. (cont.)
Purvis, O.N.
The effect of potassium salts on the anatomy of Dactylis glomerata Journ. Agr. Sci. 9: 338-365. O.1919. No.4.

Journ. Arnold Arbor.
Rehder, A.
New species varieties and combinations from the herbarium and the collections of the Arnold Arboretum Journ. Arnold Arbor. 1: 121-146 O.1919. No.2.
Species of Castanopsis, Lithocarpus, Quercus, Ulmus, Morus, Mahonia, Calycanthus, Umbellularia Benzoin.

Rehder, A. and Wilson, E.H.
New woody plants from the Bonin Islands. Journ. Arnold Arbor. 1: 115-121. O.1919. No.2.

Schneider, C.C.
Notes on American willows VI Journ. Arnold Arbor. 1: 67-97 O.1919. No.2.
a. The species of the section Phylicifoliae. b. The species of section Sitchenses.

Wilson, E. H.
The Bonin Islands and their ligneous vegetation Journ. Arnold Arbor. 1: 97-115. O.1919. No.2

Journ. Bot.
Britten, J.
John Ellis's Directions for collectors. Journ. Bot. 57: 321 N.1919. (Bibliographical notes LXXVII) No.683.

Church, A.H.
Historical review of the Florideae I- Journ. Bot. 57: 297-304. N.1919.

Fawcett, W.
Notes on Jamaican plants. Euphorbiaceae II Journ. Bot. 57: 312-314 N.1919. No.683.

Prain, D.
J.W.H.Trail, M.D., F.R.S Journ. Bot. 57: 318-321. N.1919. No.683.

Journ. Hered.
Schaffner, J.H.
A remarkable bud sport of Pandanus Journ. Hered, 10: 376-378 illus. N.1919. No.8.

Shamel, A. D.
A bud variation of the Le Grande Manitou dahlia Journ. Hered. 10: 367-368. illus. N.1919. No.8.

Shamel, A. D.
Origin of a new and improved French prune variety. Journ. Hered. 10: 338-343 illus. N.1919. No.8.

Journ. Intern. Gard. Club
Nuttall, Z.
The flower lovers and gardeners of ancient Mexico I. Journ. Intern. Gard. Club 3: 364-379 illus. no.3. S.1919.

Stout, A.B.
Tulip droppers Journ. Intern. Gard. Club 3: 463-472 illus. S.1919. No.3.
Literature relating to droppers: p.472.

Journ. N.Y.Bot.Gard.
Henry, A. and Flood, M.G.
The history of the London plane. (Extracts from their article in Proc. Roy. Irish Acad.) Journ. N.Y. Bot. Gard. 20: 216-220. N.1919.
Platanus acerifolia

Rusby, H.H.
Some blueberries of Marlboro,N.H. Journ.N.Y.Bot. Gard. 20: 211-216. N.1919.

Month. Bull. Dept. Agr. Calif.
Knight, H.
Taken in quarantine by way of the "back door"
Month. Bull. Dept. Agr. Calif. 8: 509-511 illus. No.9.
S.1919.

New Zeal. Journ. Agr.
Atkinson, E.
Weeds and their identification (cont.) New Zeal.
Journ. Agr. 19: 232-234 illus. O.1919. No.4.

Levy, E.B.
Investigation of dry-rot in Swedes New Zeal. Journ.
Agr. 19: 223-228 O.20,1919. No.4.

Pharm. Journ.
Small, J.
The application of botany in the utilisation of medi-
cinal plants IV Pharm. Journ. 103: 294-296 O.4,1919.
No.2920

Phytopath.
Butler, O. and Smith, T.O.
Relative adhesiveness of the copper fungicides
Phytopath. 9: 431-444. O.1919. No.10.
Literature cited: p. 444.

Harter, L.L. and Weimer, J.L.
The surface rot of sweet potatoes. Phytopath. 9:
9: 465-470 pl. xxxv O.1919.

Jones, L.R. and Miller, M.
Frost necrosis of tulip leaves. Phytopath. 9: 475-
476 illus. O.1919. No.10.

MacMillan, H.G.
Wind and the distribution of pathogenic soil organisms.
Phytopath. 9: 471-473 pl.xxxvi. O.1919. No.10.

Reddick, D. and Stewart, V.B.
Transmission of the virus of bean mosaic in seed and ob-
servations on thermal death-point of seed and virus. Phyto-
path. 9: 445-450 O.1919. No.10.
V.B.Stewart, joint author: Dr. Stewart was associated in
all of the work...except the seed treatments. The paper was
prepared after his death.

Snell, W.H.
Observations on the relation of insects to the dissem-
ination of Cronartium ribicola. Phytopath. 9: 451-464.
O.1919. No.10.

Stone, R.E.
Kerosene injury to shade trees. Phytopath. 9:
476-477. O.1919. No.10.

Proc. Amer. Acad. Arts & Sci.
Robinson, B.L.
On tropical American Compositae, chiefly Eupatoriae
Proc. Amer. Acad. Arts & Sci. 55: 1-41. N.1919. No.1.
Contr. Gray Herb. no.60,I.

Proc. N. Y. State Hort. Soc.
Stewart, F. C.
Botany and plant diseases. Proc. N.Y.State Hort.
Soc. 1: 19-24. 1919.

Proc. Wash. State Grain Grow.
Heald, F.DeF
Oat smuts of Washington Proc. Wash. State Grain
Grow. 13: 28-34. 1919.

Zundel, G.L.
Wheat smut control. Proc. Wash. State Grain Grow.
13: 34-39. 1919.

Queensl. Agr. Journ.
White, C.T.
Illustrated notes on the weeds of Queensland no.16
A "rattle pod" (Crotalaria sericea Retz.) Queensl.
Agr. Journ. 12:198-199 illus. O.1919. No.4

Rep.Dept.Agr.Gold Coast

Bunting, R.H

Report of the mycologist, 1918 Rep Dept.Agr.Gold Coast 1918 p.22-24. 1919.

Rev. Agr. Com. y Trab. Cuba

Arias, B.

Un substituto del corcho Rev. Agr.Com. y Trab. Cuba 2: 493-497 illus. O.1919. No.10.

Ochroma lagopus

Soler,R.A.

Cultivo del tomate Rev. Agr. Com. y Trab. Cuba 2: 479-483 illus. O.1919. No.10.

Rev. Agr. Puerto Rico

Crespo, M.A.

Cuarentena de plantas Rev. Agr. Puerto Rico 3(5): 58-60 O.1919

González, P.

El mal del plátano Rev. Agr. Puerto Rico 3(5): 51-55 illus. O.1919

Cause a species of Fusarium

Legrand,J.F.

Plantas útiles de Puerto Rico Rev. Agr. Puerto Rico. 3(5): 1-7 illus. O.1919.

Stevenson, J.A.

Enfermedades del citro en Puerto Rico Rev. Agr. Puerto Rico 3(5): 25-49 O.1919

Science

Dana, B.F.

A preliminary note on foot-rot of cereals in the northwest. Science 50: 484-485 N.21,1919. No.1299.

Torreya

Cockerell, T.D.A.

Helianthus besseyi Bates. Torreya 19: 197-198 O.1919. No.10.

Harper,R.M.

The supposed southern limit of the eastern hemlock Torreya 19: 198-199 O.1919. No.10.

Nelson, J.C.

Notes on the grasses of Howell's Flora of northwest America. Torreya 19: 187-193. O.1919. No.10.

Roosevelt's notes on Brazilian trees. Torreya 19: 194-197. O.1919. No.10.

Trans.Indiana Hort. Soc.

Oskamp, J.

Some newer phases of disease and insect control. Trans. Indiana Hort. Soc. 1918 p.33-42 1919

Wisc. Agr. Exp. Stat. Research Bull.

Jones, L.R., Miller, M. and Bailey, E.

Frost necrosis of potato tubers. Wisc. Agr. Exp. Stat. Research Bull. 46 46 p. illus. O.1919.

Literature cited: p. 45-46.

Recent books.

Voglino, P.

Le stazioni di segnalazione della peronospora della vite nel 1918 Torino, 1919 15 p.

From Annali di Accademia de agricoltura di Torino v. LXII

452.4 Vries, Hugo de
V960 Operae periodicis collata 2 v.

LIBRARY

Agr. Colon.

Chiovenda, E.
Le piante raccolte in Eritrea nel 1909-11 dal sergente Andrea Bellini (cont.) Agr. Colon. 13: 476-482. 30. N. 1919. No.11.

Trotter, A.
L' "alga marina" (Posidonia oceanica) e la sua utilizzazione. Agr. Colon. 13: 469-475. illus. 30. N. 1919. No.11.
Yielding fiber adapted to paper making, particularly cartons or packages.

Agr. Gaz. N. S. W.

Breakwell, E.
Popular descriptions of grasses (cont.) Agr. Gaz. N. S. W. 30: 781-787 illus. N.1919.
The Setaria grasses and the millets.

Darnell-Smith, G. P.
"Bunchy-top" of bananas in the Tweed River district. Agr. Gaz. N. S. W. 30: 809-814. N.1919.
Physiological; root rot due to adverse conditions, drought or flood or drought followed by flood.

Amer. Bot.

Nelson, J. C.
A little-known botanist, Amer. Bot. 25: 129-133. N.1919. No. 4.
Juan Loureiro.

Amer. Journ. Bot.

Brown, M. M.
The development of the gametophyte and the distribution of sexual characters in Funaria hygrometrica (L.) Schreb. Amer. Journ. Bot. 6: 387-400 pl. xxxvi N.1919. (Bibliography: p. 399-400)

Johnson, E. S.
An index of hardiness in peach buds. Amer. Journ. Bot. 6: 373-379. N.1919. No.9.
Bibliographical foot notes

Steinberg, R. A.
A study of some factors in the chemical stimulation of the growth of Aspergillus niger (concl.) Amer. Journ. Bot. 6: 357-372 N.1919. No. 9.
List of papers referred to in the text: p.370-372.

Youngken, H. W.
Notes on the dasheen and chayote. Amer. Journ. Bot. 6: 380-386 illus. N.1919. No.9.

Anal. Soc. Rur. Arg.

Girola, C. D.
Plantas toxicas Anal. Soc. Rur. Arg. 54. col. pl. (p.822) O.1919. No.17.
descriptive text on plate.

Ann. Bot.

Petch, T.
Mocharas and the genus Haematomyces Ann. Bot. 33: 405-419 illus. O.1919 No.132.
Literature: p. 419.

Smith, A. S.
The temperature-coefficient of photsynthesis: a reply to criticism. Ann. Bot. 33: 517-536 O.1919. No.132.
List of references: p. 536.

Willis, J. C.
On the floras of certain islets outlying from Stewart Island (New Zealand) Ann. Bot. 33: 479-484 illus. (map) O.1919. No.132.

Ann. Mycol.

Boas, F.
Zur ernährungsphysiologie einiger pilze.
Ann. Mycol. 16: 229-239 1918. No.3/6.
Literaturverzeichnis: p. 239.

Dietel, P.
Ueber Puccinia obscura Schröt. und einige verwandte puccinien auf Luzula. Ann. Mycol. 17: 48-58. 1919.
P. luzulina, P. luzulae maximae new species. No.1.

Paravicini, E.
Zwei neue Fusarium, Fuserium luteum und Fusarium rubrum nebst untersuchungen über die bedeutung der anastomosen. Ann. Mycol. 16: 300-319 pl.iv 1918.
Literatur: p.318-319. No.3/6.

Petrak, F.
Ueber eine neue art der gattung Leptosphaeria aus Südost-Galizien. Ann. Mycol. 16: 225-228. 1918.
L. priuscheggiana n. sp. No.3/6.

Rehm, H.
Ascomycetes exs. fasc. 56 und 57 Ann. Mycol. 16: 209-224 1918. No.3/6.

Sydow, H. and Sydow, P.
Mykologische mitteilung Ann. Mycol. 16: 240-248. 1918; 17: 33-47 illus. 1919. No.3/6.
[Descriptions of new species and genera] - Zur synonymie einiger polyporeen. - Ueber einige neu zu benennende gattungen. - Nochmals zur nomenklaturfrage von Sphaerella-mycosphaerella und einigen anderen gattungen.

Ann. Rep. Calif. Avocado Assoc.

Popenoe, W.
The avocados of Mexico; a preliminary report Ann. Rep. Calif. Avocado Assoc. 1918-19 p.58-74 pl.iii-xiii Jy.1919.

Ann. Rep. Dept. Agr. Industr. & Comm. New Zeal.

Cockayne, A. H.
Report of the biologist ... for the year ended 31st March 1919 Ann. Rep. Dept. Agr. Industr. & Comm. New Zeal. 1918/19 p.40-42 1919.

Ber. Deut. Bot. Ges.

Bally, W.
Einige bemerkungen zu den amitotischen kernteilungen der chytridineen Ber. Deut. Bot. Ges. 37: 115-122. illus. 1919. No.2.

Bezssonoff, N.
Ueber die züchtung von pilzen auf hochkonzentrierten rohrzuckerhaltigen nährböden und über die chondriomfrage. Ber. Deut. Bot. Ges. 37: 136-148 pl.i 1919. No.2.

Boresch, K.
Ueber die einwirkung farbigen lichtes auf die färbung von Cyanophyceen Ber. Deut. Bot. Ges. 37: 25-39 1919. No.1. (Bibliographical foot notes)

Czapek, F.
Zum nachweise von lipoiden in pflanzenzellen Ber. Deut. Bot. Ges. 37: 207-216. Jy.1919. No.5.

Gertz, O.
Ueber einen neuen typus stomatärer thyllenbildung nebst anderen beobachtungen zur pathologischen anatomie des spaltöffnungsapparates bei Paeonia paradoxa. Ber. Deut. Bot. Ges. 37: 237-244. illus. 1919. No.6.
Literatur: p. 243-244.

Höhnel, F. von
Ueber bau, stellung und nebenfrüchte von Lasiobotrys Ber. Deut. Bot. Ges. 37: 103-107 1919. No.2.

Ber. Deut. Bot. Ges. (cont.)

Höhnel, F. von
4-5. vorläufige mitteilung mycologiscger ergebnisse (nr. 305-398) Ber. Deut. Bot. Ges. 37: 107-115, 153-161. 1919. No.2-3.

Kolkwitz, R.
Ueber das schicksal des chlorophylls bei der herbstlichen laubverfärbung Ber. Deut. Bot. Ges. 37: 2-5 1919.

Laibach, F.
Zur kenntnis der gattung Septoria Ber. Deut. Bot. Ges. 37: 245-249 1919.

Lingelsheim, A.
Notiz über fluoreszierende stoffe in der rinde der Calycanthaceen Ber. Deut. Bot. Ges. 37: 73-75 1919.
Bibliographical foot notes

Löffler, B.
Experimentelle untersuchungen über regeneration des gipfels und kontaktempfindlichkeit bei windepflanzen. Ber. Deut. Bot. Ges. 37: 6-24 illus. 1919. No.1.
Bibliographical foot notes

Lundegârdh, Henrik
Die bedeutung der lichtrichtung für den phototropismus. Ber. Deut. Bot. Ges. 37: 229-236 1919. No.6.

Renner, O.
Ueber sichtbarwerden der Mendelschen spaltung im pollen von önotherabastarden Ber. Deut. Bot. Ges. 37: 129-135 illus. 1919. No.2.

Rippel, A.
Die wachstumskurve Ber. Deut. Bot. Ges. 37: 169-175. 1919. No.3.

Schüepp, O.
Zur kenntnis der gewebespannungen Ber. Deut. Bot. Ges. 37: 217-223 illus. Jy.1919. No.5.
Bibliographical foot notes

Schürhoff, P. N.
Zur phyloegnie des angiospermen embryosackes Ber. Deut. Bot. Ges. 37: 161-169 1919. No.3.
Literatur: p. 167-169

Sierp, H.
Ueber den einfluss geringer lichtmengen auf die zuwachsbewegung der koleoptile von Avena sativa. Ber. Deut. Bot. Ges. 37: 123-128 1919.

Vries, H. de
Oenothera lamarckiana mut. simplex. Ber. Deut. Bot. Ges. 37: 65-73 1919. No.1.

Weese, J.
Ueber die gattungen Melanops Nitschke und Thuemenia Rehm. Ber. Deut. Bot. Ges. 37: 83-96 1919.

Ziegenspeck, H.
Amyloid in jugendlichen pflanzenorganen als vermutliches zwischenprodukt bei der bildung von wandkohlenhydraten. Ber. Deut. Bot. Ges. 37: 273-278 1919. No.6.

Bienn. Rep. Montana State Bd. Hort.

Root, G. A.
The present status of the white pine blister rust control in Montana 1918 Bienn. Rep. Montana State Bd. Hort. 10(1917-18): 69-75. illus. 1919.

Swingle, D. B.
A practical method of fighting wheat rust. Bienn. Rep. Montana State Bd. Hort. 10 (1917-18): 74-79. illus. 1919.

Biol. Zentralbl.

Küster, E.
Ueber weissrändige blätter und andere formen der buntblättrigkeit Biol. Zentralbl. 39: 212-251. illus. My.1919.

Blätter Zuckerrübenb.

Stift, A.
Bemerkenswerte mitteilungen über das auftreten von tierischen feinden und krankheiten der zuckerrübe im jahre 1918 B. Krankheiten der zuckerrübe Blätter Zuckerrübenb. 26: 110-111, 147-148. Je.-Ag.1919. No.11/12.

Botany Bull. Dept. Agr. Queensland

White, C. T.
Contributions to the Queensland flora Botany Bull. Dept. Agr. Queensland XXI. 23 p. illus. F.1919.

Bull. Jard. Bot. Etat Bruxelles

Wildeman, E. de
Additions à la flore du Congo II-III Bull. Jard. Bot. Etat. Bruxelles 5: 117-268. O.1916; 6: 1-129 35 pl. Ja.-F.1919. v.5, f.2. v.6, f.1-2.

Wildeman, E. de
Decades novarum specierum florae congolensis VII-XV, WVI-XXVIII Bull. Jard. Bot. Etat. Bruxelles 4: 361-429 Ag.1914; 5: 1-108. N.1915. v.4, fasc.3. v.5, fasc.1.

Bull. Misc. Inform. Kew

Bean, W. J.
One-leaved ash (Fraxinus excelsior var. heterophylla) from seed Bull. Misc. Inform. Kew 1919: 390-391 no.9.

Lacaita, C. C.
The "Jerusalem artichoke" (Helianthus tuberosus) Bull. Misc. Inform. Kew 1919 p.321-339 O.1919. No.9.

Prain, D. and Burkill, I. H.
"Dioscorea sativa" Bull. Misc. Inform. Kew 1919 p.339-375. O.1919. No.9.

Stapf, O.
Gunnera manicata and G. brasiliensis Bull. Misc. Inform. Kew 1919 p.376-378 O.1919. No.9.

Bull. Nat. Hist. Illinois

Stevens, F. L.
Foot-rot disease of wheat - historical and bibliographic Bull. Nat. Hist. Illinois 13: 261-286 O.1919
Annotated bibliography: p. 265-286

Bull. Soc. Nat. Acclim. France

Henry,
Etude sur l'Hibiscus tiliaceus (malvacées) vel Paritium tiliaceum, burao de Tahitiens, hau des Marguisiens Bull. Soc. Nat. Acclim. France 67: 343-345 N.1919. No.11.

Loyer, M.
Paul Chappellier (1822-1919) Bull. Soc. Nat. Acclim. France 67: 329-330 port. N.1919.

Bull. Torr. Club

Bicknell, E. B.
The ferns and flowering plants of Nantucket. XX Bull. Torr. Club 46: 423-440 N.1919. No.11.

Levine, M.
Studies on plant cancers I Bull. Torr. Club 46: 447-452 pl.17-18. N.1919. No.11.
I. The mechanism of the formation of the leafy crown gall.

Thurston, H. W.
Sex in the Conjugatae and the relative frequency of the different types of conjugation Bull. Torr. Club. 46: 441-446. N.1919. No.11. (Literature cited: p. 446)

Calif. Agr. Exp. Stat. Bull.

Condit, I. J.
The kaki or oriental persimmon. Calif. Agr. Exp. Stat. Bull. 316: 231-266 illus. D.1919.
Persimmon literature: p. 265-266

Centralbl. Bakt. abt. 2.

Stift, A.
Ueber im jahre 1916 veröffentlichte bemerkenswerte arbeiten und mitteilungen auf dem gebiete der tierischen und pflanzlichen feinde der zuckerrübe Centralbl. Bakt. abt. 2, 49: 257-269 Je.1919
Bibliographical foot notes

Compt. Rend. Acad. Sci. Paris

Sartory, A.
Sur un nouveau champignon du genre Scopulariopsis isolé d'un cas d'onychomycose Compt. Rend. Acad. Sci. Paris 169: 703-704 1919. No.16.

Souèges, R.
Embryogénie des polygonacées; développement de l'embryon chez les Rumex et Rheum. Compt. Rend. Acad. Sci. Paris, 169: 919-921. N.17,1919. No.20.

Conn. Agr. Exp. Stat. Bull.

Clinton, G. P. and McCormick, F. A.
Infection experiments of Pinus strobus with Cronartium ribicola. Conn. Agr. Exp. Stat. Bull. 214: 428-459. pl. xxxvii-xliv. S.1919. (Literature cited: p. 456)

Clinton, G. P.
Inspection of phaenogamic herbaria for rusts on Ribes sps. Conn. Agr. Exp. Stat. Bull. 214: 423-427. S.1919
Aecidium grossulariae, Coleosporium ribicola, Cronartium ribicola, Puccinia ribis

Contr. Bot. Labor. Penn. Univ.

Carrol, F. B.
The development of the chromogamous and the cleistogamous flowers of Impatiens fulva Contr. Bot. Labor. Penn. Univ. 4: 144-183 pl. lv-lvii 1919. No.2.
Literature cited: p. 180-181

Clark, A. W.
Seasonal variation in water content and in transpiration of leaves of Fagus americana, Hamamelis virginiana and Quercus alba Contr. Bot. Labor. Penn. Univ. 4: 105-143. 1919.

Henderson, M. W.
A comparative study of the structure and saprophytism of the Pyrolaceae and Monotrapaceae, with reference to their derivation from the Ericaceae. Contr. Bot. Labor. Penn. Univ. 5: 42-109 illus. 1919. No.1.
Bibliography: p. 106-109

Hepburn, J. S.
Biochemical studies of insectivorous plants Contr. Bot. Labor. Penn. Univ. 4: 419-463 1919.
Bibliography: p. 458-459

Russell, A. M.
A comparative study of Floerkea proserpenacoides and allies. Contr. Bot. Labor. Penn. Univ. 4: 401-418. pl. xci-xcii 1919. No.2.
Bibliography: pl 416-417

Russell, A. M.
The macroscopic and microscopic structure of some hybrid sarracenias compared with that of their parents Contr. Bot. Labor. Penn. Univ. 5: 3-41. pl.i-v. 1919.
Bibliography: p. 39-40 No.1.

Steckbeck, W.
The comparative histology and irritability of sensitive plants Contr. Bot. Labor. Penn. Univ. 4: 185-250 pl. lviii-lxv. 1919. No.2.
Bibliography: p. 249-250.

Contr. Bot. Labor. Penn. Univ. (cont.)

Taylor, W. R.
On the production of new cell formations in plants. Contr. Bot. Labor. Penn. Univ. 4: 271-299 pl.lxxi-lxxviii 1919. No.2.
Bibliography: p. 294-295.

Waldron, R. A.
The peanut (Arachis hypogaea) its history, histology, physiology and utility. Contr. Bot. Labor. Penn. Univ. 4: 301-338 pl. lxxix-lxxx 1919. No.2.
Literature cited: p. 337-338

Youngken, H. W.
The comparative morphology, taxonomy and distribution of the Myricaceae of the eastern United States. Contr. Bot. Labor. Penn. Univ. 4: 339-400 pl. lxxxi-xc. 1919.
Supplementary bibliography (to that cited in the chapters on Historical review & synonyms): p.397. No.2.

Deut. Obstbauzeit.

Kulisch,
Kampf gegen schädlinge und krankheiten der obstbäume und beerenobststräucher und etwaige gesetzliche massnahmen hierfür. Deut. Obstbauzeit. 65: 210-216. S.1,1919. No.13

Prinz, Rud
Uspulun als schädlingsbekämpfungsmittel im obstbau Deut. Obstbauzeit. 65: 221-222. S.1,1919. No.13.

Spiecker,
Gesetzliche massnahmen im kampf gegen schädlinge und krankheiten der obstbäume und beerensträucher. Deut. Obstbauzeit. 65: 216-219. S.1,1919. No.13.

Florida Grow.

Berger, E. W.
The use of Vedalia and fungi in the citrus grove Florida Grow. v.20, no.21 p.8-9 illus. N.22,1919.

Fühl. Landw. Zeit.

Fischer, W.
Die brennfleckenkrankheit der bohnen Fühl. Landw. Zeit. 68: 241-259 Jy.1919. No.13/14.
Bibliographical foot notes

Rippel, A.
Die wachstumskurve der pflanzen und ihre mathematische behandlung durch Robertson und Mitscherlich Fühl. Landw. Zeit. 68: 201-214. Je.1919. No.11/12.

Garden

L., M.E.
Herb growing and collecting in France Garden 83: 532 illus. N.8,1919.

Gard. Chron. III

Farrer, R.
Mr. Reginald Farrer's second exploration in Asia no.7, 10. Gard. Chron. III, 66: 161, 262. S.27,N.22,1919
7. Out of the valleys. 9. The high tops of Hpimaw. Nos. 1709, 1717.

Loder, E. G.
Notes on Taxodium and Glyptostrobus Gard. Chron.III, 66: 259 illus. N.22,1918. No.1717.
illus. on p. 258, 260, 261

Ragionieri, A.
Improvement of Freesias. Gard. Chron. III, 66: 181. O.4,1919. No.1710.

Rhododendron Gard. Chron. III, 66: 1743-174. O.4,1919.
Comments on Balfour's New species of Rhododendron.

Gartenfl.

Laubert, R.
Auffällige blattschäden an rosskastanien Gartenfl. 68: 208 Ag.1919. No.15/16.

Laubert, R.
Neues über krankheiten und beschädigungen unserer kulturpflanzen Gartenfl. 68: 154-155 Je.15,1919. No.11/12.

Ludwigs, K.
Pflanzenschutz in der Provinz Brandenburg Gartenfl. 68: 208-209 Ag.1919. No.15/16.

Genetica

Lotsy, J. P.
Cucurbita-strijdvragen. De soort-quaestie - Het gedrag na kruising - Farthenogenese? Genetica 1: 497-531 N.1919. No.6.

Sirks, M. J.
Raszuiverheid en fokzuiverheid Genetica 1: 539-552 N.1919. No.6.

Tjerbes, K. and Kooiman, H. N.
Erfelijkheidsonderzoekingen bij boonen I-III Genetica 1: 323-346, 532-538 illus. 2 col. pl. Jy.,N.1919. Nos. 4,6.
Summaries to I-II in French; to III in English.

Journ. Amer. Soc. Agron.

Stakman, E. C., Hayes, H.K., Aamodt,O.S. and Leach,J.G.
Controlling flax wilt by seed selection. Journ. Amer. Soc. Agron. LL: 291-298 pl. 9 O.1919 No.7.

Hawaii Agr. Exp. Stat. Press Bull.

Carpenter, C. W.
Preliminary report on root rot in Hawaii (Lahaina cane deterioration, pineapple wilt, taro rot, rice root rot, banana root rot. Hawaii Agr. Exp. Stat. Press Bull. 54 8 p. 8 pl. D.1919.

Ind. For.

Haslett, J. P.
Plants used as ingredients in the manufacure of country spirits in Sonthal Parganas Ind. For. 45: 530-531. O.1919. No.10.

Ind. For. Rec.

Hole, R. S.
Ixora butterwickii Hole Ind. For. Rec. 7: 93-96 pl. 1919. No.4.
First described in Indian For. v.45 Ja.1919.

Hole, R. S.
Note on Hopea canarensis Hole Ind. For. Rec. 7: 89-92 pl. 1919. No.3.
First described in Ind. For. v.44, D.1918.

Jahrb. Wiss. Bot.

Buder, J.
Zur biologie des bakteriopurpurins und der purpurbakterien Jahrb. Wiss. Bot. 58: 525-628 pl. v. Je.1919. No.4.
Literatur verzeichnis: p. 624-628.

Stark, P.
Das resultantengesetz beim haptotropismus Jahrb. Wiss. Bot. 58: 475-524 Je.1919 No.4.
Literaturverzeichnis: p. 522

Journ. Agr. Res.

Breazeale, J. F.
Response of citrus seedlings in water culture to salts and organic extracts Journ. Agr. Res. v.18, no.5, p.267-274 pl.33-34 D.1,1919.

Brooks,C., Cooley,J.S. & Fisher,D.F.
Nature and control of apple-scald. Journ. Agr. Res. v.18, no.4, p.211-240 N.15,1919.
Literature cited: p. 240.

Journ. Agr. Res.

Coerper, F. M.
Bacterial blight of soybean Journ. Agr. Res. v.18, no.4, p.179-194 pl. 12-18, col. pl. A N.15,1919. (Bacterium glycineum n.sp.)

Hawkins, L. A. & Harvey, R.B.
Physiological study of the parasitism of Pythium debaryanum Hesse on the potato tuber. Journ. Agr. Res. v.18, no.5 p.275-298 illus., pl. 35-37 D.1, 1919. (Literature cited: p. 295-297)

Miller, E. C.
Development of the pistillate spikelets and fertilization in Zea mays L. Journ. Agr. Res. v.18, no. 18, no.5, p.255-266. pl.19-32 D.1,1919.
Literature cited: p. 264-265

Roberts, H. F.
Yellow-berry in hard winter wheat. Journ. Agr. Res. v.18, no.3 p.155-169 N.1,1919.

Scofield, C.S.
Cotton rootrot spots Journ. Agr. Res. v.18, no.6 p.305-310 D.15,1919.

Taubenhaus, J.J.
Recent studies on Sclerotium rolfsii Sacc. Journ. Agr. Research v.18, no.3. p.127-138. illus., pl.3-6 N.1,1919. (Literature cited: p.137-138)

Journ. Agr. Sci.

Brooks, F. T. & Bailey, M. A.
Silver-leaf disease III (Including observations upon the injection of trees with antiseptics) Journ. Agr. Sci. 9: 189-215. S.1919. No.3.
References: p. 215.

Eyre, J. V., Salmon, E.S. and Wormald, L.K.
The fungicidal properties of certain spray-fluids II Journ. Agr. Sci. 9: 283-307. S.1919. No.3.

Journ. Bot.

Church, A. H.
Historical review of the Phaeophyceae Journ. Bot. 57: 265-273 O.1919. No.682.
Bibliographical foot notes

Wernham, H. F.
Rubiaceae batesianae I Journ. Bot. 57: 275-283 O.1919 No.282
Collected by Mr. G. L. Bates in Yaunde district, southern Cameroons

Journ. Dept. Agr. Victoria

Brittlebank, C. C.
Diseases of plants new to Victoria Journ. Dept. Agr. Victoria 17: 627-629. illus. O.1919. No.10.
1.Anthracnose of lettuce. II. Botrytis and Sclerotinia diseases of the passion vine.

Landw. Versuchs-Stat.

Grevillius, A. Y.
Zur mikroskopie des schilfmehls (Arundo phragmites L.) Landw. Versuchs-Stat. 93: 195-208. pl. iii Je.1919. No.5/6.
Literatur: p. 207.

Malpighia

Buscalioni, L. and Muscatello, G.
Studio monografico sulle specie americane del gen. "Sarauia", Willd. (cont.) Malpighia, 28: 371-402. 1919. No.9/10.

Maryl. Agr. Exp. Stat. Bull.

White, T. H.
Mushrooms. Maryl. Agr. Exp. Stat. Bull. 232. 85 p. illus. S.1919.

Mem. Cornell Agr. Exp. Stat.
Burkholder, W. H.
The dry root-rot of the bean Mem. Cornell Agr. Exp. Stat. 26: 999-1033 illus., pl. lvi-lvii Je.1919.
Literature cited: p.1032-1033.
Fusarium martii phaseoli n. form

Mém. Soc. Bot. France
Neyraut, E. J.
Revision des saxifrages de la section Dactyloides Tausch de l'Herbier Lapeyrouse Mém. Soc. Bot. France 27 56 p. Jy.1919.

Möllers Deut. Gärtn.-zeit.
Purpus, A.
Phyllocactus chiapensis, J.A.Purpus. Ein neuer, prachtvoll blühender blattkaktus aus Mexiko. Möllers Deut. Gärtn.-zeit. 34: 177-178. illus. Ag. 20,1919. No.23.

Schwerin, F. graf von
Blütenänderungen an ein und derselben pflanze Möllers Deut. Gärtn.-zeit. 34: 172-173, 181, 190-191. 1919. Nos. 22,23,24.

Weber, A.
Die absterben unserer bäume in den industriegebieten. Möllers Deut. Gärtn.-Zeit. 34: 156-157. Jy.20,1919. No.20.

Monatsschr. Kakteenk.
Vaupel, F.
Aus der alten kakteenliteratur Monatsschr. Kakteenk. 29: 61-66 illus. Je.1919. No.6.

Mycologia
Fink, Bruce
Additions to lichen distribution in North America. Mycologia 11: 296-307 N.1919. No.6.

McCallum, A. W.
The occurrence of Bulgaria platydiscus in Canada. Mycologia 11: 293-295 pl. 14 N.1919. No.6.

Murrill, W. A.
Boleti from Connecticut Mycologia 11: 321-322. N.1919. No.6.
Notes from letter of Prof. H.L.Wells with his description of Boletus gertrudiae.

Murrill, W. A.
A field meeting of pathologists Mycologia 11: 308-312 pl. 15 N.1919. No.6.
Meeting at New Haven, Storrs and elsewhere held during the week beginning Ag.18,1919.

Murrill, W. A.
Illustrations of fungi XXXI Mycologia 11: 289-292 col. pl. 13 N.1919. No.6.

Murrill, W. A.
An orange-colored puffball Mycologia 11: 319-320 N.1919. No.6.
Lycoperdon rubro-flavum sp. nov.

Murrill, W. A.
A polypore parasitic on twigs of Asimina Mycologia 11: 319. N.1919. No.6.
Inonotus amplectens, occurring on A. parviflora A. Pygmaea & A. angustifolia.

Naturw. Wochenschr.
Möbius, M.
Die begründung der pflanzengeographie durch Alexander von Humboldt. Naturw. Wochenschr. n.f., 18: 522-526 illus. S.14,1919. No.37.

Brick, C.
Die widerstandsfähigkeit gewisser sorten unserer kulturpflanzen gegen parasiten. Naturw. Wochenschr. n.f., 18: 391-394 Jy.13,1919. No.28.

Naturwissensch.
Fitting, H.
Botanik In Zur Jahrhundertfeier der Bonner universität: Die entwicklung der naturwissenschaft an der Bonner universität seit ihrer begrundung. Naturwissensch. 17: 571-576 Ag.1919.

Naturw. Wochenschr.
Killermann, S.
Zur geschichte der johannis- und stachelbeere Naturw. Wochenschr. n.f., 18: 344-347 illus. Je.15,1919. No.24. (Bibliographical foot notes)

Stomps, T.
Neue beiträge zur mutationsfrage Naturw. Wochenschr. n.f., 18: 471-474 Ag.17,1919. No.33.

Weber, F.
Der natürliche tod der pflanzen Naturw. Wochenschr. n.f., 18: 449-457. 465-471. Ag.10,17,1919. Bibliographical foot notes Nos.32,33.

New Phytol.
Small, J.
The origin and development of the Compositae Chap. XIII General conclusions New Phytol. 18: 201-234. Jy.1919. No.7.

New Jersey Agr. Exp. Stat. Circ.
Krout, W. S.
Diseases of celery New Jersey Agr. Exp. Stat. Circ. 112 12 p. illus. Jy.1919.
Caption title: Common diseases of celery.

New York Agr. Exp. Stat. Bull.
Stewart, F. C.
Notes on New York plant diseases II New York Agr. Exp. Stat. Bull. 463: 157-188 pl. i-viii Je.1919.
Bibliography: p. 187-188.

Notes Roy. Bot. Gard. Edinb.
Craib, W. G.
Hardy species of Enkianthus under cultivation in the Royal botanic garden, Edinburgh. Notes Roy. Bot. Gard. Edinb. 11: 163-168. O.1919. (No.LIV)

Craib, W. G.
New species of Enkianthus Notes Roy. Bot. Gard. Edinb. 11: 155-162. O.1919 (No.LIV)

Craib, W. G.
New species of Primula Notes Roy. Bot. Gard. Edinb. 11: 169-178 O.1919 (No.LIV)

Craib, W. G.
Polygala furcata Royle and its allies Notes Roy. Bot. Gard. Edinb. 11: 185-188 O.1919 (No.LIV)

Craib, W. G.
Primula davidii and its allies Notes Roy. Bot. Gard. Edinb. 11: 179-184 O.1919. (no. LIV)

Perfum. & Essent. Oil Rec.
Reclaire, A.
Essential-oil-containing plants in Holland. Perfum. & Essent. Oil Rec. 10: 289-290 illus. N.1919. No.12.

Gattefossé, J. and Meunissier, A.
Les fleurs et les parfums en Chine. Parfum. Mod. 12: 145-148. illus. S.1919.

Plant world
Pulling, H. E.
Sunlight and its measurement Plant world 22: 151-171 Je.,1919. publ. Dec.1919. No.6.
Bibliographical foot notes

Shreve, E. B.
The rôle of temperature in the determination of the transpiring power of leaves by hygrometric paper. Plant

World 22: 172-180. Je.1919. [publ.D.1919]
No.6. (Bibliographical foot notes.)

Potato Mag.
McKay, M. B.
Verticillium wilt of potatoes in Oregon. Potato Mag. v.2, no.6, p.10-11, 38, 42 illus. No.6. D.1919.

Prakt. Blätt. Pflanzenb. u. Pflanzensch.
Hiltner, L.
Versuche über die ursachen der blattrollkrankheit der kartoffel 2-3 Prakt. Blätt. Pflanzenb. u. Pflanzensch. 17: 15-19, 39-48. 1919.
2. Weitere beobachtungen über die "stärkeschoppung" in blattrollkranken kartoffelstauden.
3. Ueber die keimung und triebkraft von knollen gesunder und kranker stauden.

Proc. Portl. Soc. Nat. Hist.
Hill, A. F.
The vascular flora of the eastern Penobscot Bay region, Maine. Proc. Portl. Soc. Nat. Hist. 3: 199-303. fold. map 1919. No.2.

Proc. Roy. Soc. Edinb.
Dobbin, L.
On the presence of formic acid in the stinging hairs of the nettle Proc. Roy. Soc. Edinb. 39: 137-142 1919

Quart. Bull. Mich. Agr. Exp. Stat.
Coons, G. H.
Botanical department notes. Quart. Bull. Mich. Agr. Exp. Stat. 2: 70-75. illus. N.1919. No.2.
Winter handling of apples, diseases of apples, barberry eradication.

Rev. Agr. Purto Rico
Legrand, J. F.
Plantas utiles de Puerto Rico Rev. Agr. Purto Rico 3 (6): 15-16 illus. N.1919.

Rev. Gén. Bot.
Guilliermond, A.
Observations vitales sur le chrondrione des végétaux de recherches sur l'origine des chromoplastides et le mode de formation des pigments xanthophylliens & carotiniens. Contribution a l'etuae physiologique de la cellule (suite) Rev. Gén. Bot. 31: 446-508 O.1919. No.370.

Rigotard, Marcel
Notes d'herborisation au Maroc Rev. Gén. Bot. 31: 417-445 O.1919. No.370.

Rev. Univ. Cuzo
Herrera Fortunato L.
Contribucion a la flora del Departamento del Cuzco Rev. Univ. Cuzo v.8, no128 p.3-95 Je.1919.

Sci. Bull. Dept. Agr. Union So. Afr.
Van der Bijl, P. A.
Observations on a fungus (Cephalosporium sacchari, Butler) which causes a red-rot of sugar-cane stems. Sci. Bull. Dept. Agr. Union So. Afr. 11 8 p. illus. Jy.1919.

Science
Harrington, G. T.
Germinating freshly harvested winter wheat. Science 50: 528 D.5,1919.

Nichols, G. E.
The general biology course and the teaching of elementary botany and zoology in American colleges and universities. Science 50: 509-517. D.5,1919. No.1301.

Rapp, C.W.
Aged bean seed, a control for bacterial blight of beans. Science 50: 568 D.19,1919.

Science

Roberts, H. F.
Agricultural botany in secondary education. Science 50: 549-553 D.19,1919.

Skrift. Svenska Linné Sällsk.

Juel, H. O.
Hortus linnaeanus. An enumeration of the plants cultivated in the Botanical garden of Upsala during the Linnean period. Skrift. Svenska Linné Sällsk. n:r 1 127 p. 1919.

So. Afr. Fruit Grow.

Doidge, E. M.
Diseases of stone fruit trees. 2. So. Afr. Fruit Grow. 6: 271, 273 illus. O.1919.
Freckle or scab (Cladosporium carpophilum Thum.)

So. Afr. Journ. Sci.

Burtt-Davy, Joseph
Additions and corrections to the recorded flora of the Transvaal and Swaziland II So. Afr. Journ. Sci. 15: 570-571. 1919. No.7.

Doidge, E. M.
The bacterial blight of beans: Bacterium phaseoli Erw. Sm. So. Afr. Journ. Sci. 15: 503-505. 1919. No.7.

Phillips, E. P.
A note on the pollination of Cyanella capensis Linn. So. Afr. Journ. Sci. 15: 500-502. 1919. No.7.

Potts, G.
The pepper trees (Schinus molle) in its relation to epidemic hay fever: interim report. So. Afr. Journ. Sci. 15: 525-530. 1919. No.7.

Warren, E.
The pure line hypothesis and the inheritance of small variations. So. Afr. Journ. Sci. 15: 535-567. pl. 16. 1919. No.7.

Teysmannia

Wigman, H. J. jr.
Schaduw- sier- en laanbomen Teysmannia 30: 339-348 1919. No.8.

Torreyaa

Cockerell, T. D. A.
Notes on Coelogyne Torreya 19: 227-228 No.11 N.1919.

Nelson, J. C.
The grasses of Salem, Oregon and vicinity. Torreya 19: 216-227 N.1919. No.11.

Pennell, F. W.
Scrophulariaceae of the local flora IV Torreya 19: 205-216 N.1919. No.11.

Trans. New Zeal. Inst.

Laing, R. M.
The vegetation of the Banks peninsula with a list of species (flowering plants and ferns) Trans. New Zeal. Inst. 51: 305-408 S.1919.
Bibliographical list... : p.371

Malcolm, J.
On the toxicity of the tutu fruit and seed. Trans. New Zeal. Inst. 51: 1-5. S.1919.
Coriaria ruscifolia

Petrie, D.
Descriptions of newnative flowering plants Trans. New Zeal. Inst. 51: 106-107 S.1919.
Lagenophora cuneata, Brachyome linearis, Urtica aspera, Thelymitra caesia all new species

Univ. Calif. Publ.

Frost, H. B.
Mutation in Matthiola Univ. Calif. Publ. v.2, no.4, p.81-190 pl. 22-35 N.24,1919.

Setchell, W. A. & Gardner, N.L.
The marine algae of the Pacific coast of North America Pt. I Myxophyceae Univ. Calif. Publ. Bot. v.8, no.1, p.1-138 pl. 1-8 N.29,1919.

Zeitschr. Bot.

Fischer, E.
Publikationen über die biologie der uredineen im jahre 1918 Zeitschr. Bot. 11: 285-295 1919.
Literatur-verzeichnis: p. 293-295. No.6.

Kniep, H.
Untersuchungen über den antherenbrand (Ustilago violacea Pers.) Ein beitrag zum sexualitätsproblem. Zeitschr. Bot. 11: 257-284. 1919. No.6.
Bibliographical foot notes

Lehmann, E.
Ueber die keimfördernde wirkung von nitrat auf lichtgehemmte samen von Veronica tournefortii. Zeitschr. Bot. 11: 161-177 1919. No.415.

Renner, O.
Zur biologie und morphologie der männlichen haplonten einiger önotheren Zeitschr. Bot. 11: 305-380 illus. 1919. No.7.
Zitierte literatur: p. 379-380

Zeitschr. Indukt. Abstamm. - u. Vererbungsl.

Baur, E.
Ueber selbststerilität und über kreuzungsversucher einer selbstfertilen und einer selbststerilen art in der gattung Antirrhinum. Zeitschr. Indukt. Abstamm.- u. Vererbungsl. 21: 48-52 My.1919. No.1.

Lehmann, E.
Ueber die selbststerilität von Veronica syriaca Zeitschr. Indukt. Abstamm.- u. Vererbungsl. 21: 1-47 My.1919. No.1. (Literatur: p. 46-47)

Stomps, T. J.
Gigas-mutation mit und ohne verdoppelung der chromosomenzahl. Zeitschr. Indukt. Abstamm. Vererbungsl. 21: 65-90 illus. pl. i-iii Jy.1919. No.2.

Vries, H. de
Oenothera lamarckiana erythrina, eine neue halbmutante Zeitschr. Indukt. Abstamm. Vererbungsl. 21: 91-118 Jy.1919. No.2.
Zitierte literatur: p. 117-118.

Zeitschr. Obst.- u. Gartenb.

Naumann, A.
Starkes auftreten des stachelbeerrostes(Puccinia pringsheimiana Kleb.) Zeitschr. Obst- u. Gartenb. n.f., 45: 102-103. 1919. No.7.

Zeitschr. Pflanzenkr.

Wöber, A.
Ueber die chemische zusammensetzung der kupferkalkbrühe Zeitschr. Pflanzenkr. 29: 94-104. 1919. No.3/4

Recent Books.

99.9
P535B
no.17 Brown, W. & Fischer, A.F.
Philippine mangrove swamps 1918 (Bull. Bur. For. Philippines no.17)

Karsten, Georg
Vegetationsbilder 12. reihe, heft 7; 13. reihe, heft 3/4 1916
Adamovic, Lujo Vegetationsbilder aus Mazedonien.
Heim, Arnold Charakterpflanzen der Halbinsel Niederkalifornien.

Kress, O., Humphrey, C.J. and Richards, C.A.
Some observations on the deterioration of wood and wood pulp. Reprinted from Paper Industry Oct. 1919 7 p. illus.

452
En3P Das pflanzenreich heft 64-65 Je.1915.
64. Araceae-Philodendroideae-Anubiadeae, Aglaonemateae, Dieffenbachiae, Zantedeschieae, Typhonodoreae, Peltandreae, von A. Engler.
65. Euphorbiaceae-Phyllanthoideae-Brideliaae, von E. Jablonszky.

455.3
T92 Twining, A.
Flora of northwastern Pennsylvania F.1917.